



TECHNICAL MEMORANDUM NO.6

DATE: August 9, 2016
TO: Jeff Coles, Recycling and Trash Collection Director
City of Fayetteville, AR
FROM: Robin Mitchell, Project Manager
SUBJ: Single Stream Recycling Pilot Program
PROJ #: 173-00.00

1. Introduction

Kessler Consulting, Inc. (KCI) was contracted by the City of Fayetteville, Arkansas (City) to assist in developing a Solid Waste Reduction, Diversion, and Recycling Master Plan (Master Plan) with the objective of diverting 80% of the waste stream from the landfill. As part of this Master Plan, KCI assisted the City in planning and conducting a single stream recycling pilot program to evaluate first-hand the potential impacts of such a program, as well as to provide city-specific data on which to model citywide conversion to single stream recycling.

Results of the waste composition study revealed that more than 26% of residential waste and 29% of commercial/multi-family waste disposed consists of recyclable paper and containers that are not being captured in the current recycling programs. In addition, the City's current system of curb-sorting recyclables is highly inefficient because of the time spent at each individual residence, and places significant physical strain on the workers who sort the materials curbside. The purpose of the curbside residential single stream pilot was to evaluate changes in (1) recycling participation, (2) material recovery, and (3) collection efficiency.

The need to sort recyclables by type prior to collection has also been an impediment to expanding multi-family recycling; therefore, a multi-family single stream pilot was also conducted to gauge the impact on material recovery and obtain participant feedback at two apartment complexes.

2. Methodology

2.1. Curbside Residential Pilot

City staff identified a route in the southeastern part of the City in which to conduct the pilot program. The route aligned with an existing garbage route, but combined the majority of two existing curbside recycling routes. These curbside recycling routes were considered representative of the City in terms of recycling participation and demographics. The pilot route initially consisted of 1,006 households, but increased to 1,011 during the pilot as additional residences were occupied.

To obtain pre-pilot collection data for the curbside residential program, the City outfitted two curb-sort vehicles with an Automatic Vehicle Location (AVL) system that allowed the City to track the

collection vehicle on a real-time basis. The AVL system was designed to track and record the number of setouts (i.e., the number of recycling bins on the curb), the time to sort materials at each household, the time to drive to the next participating residence, and the time to collect the entire pilot area. The AVL system collected pre-pilot data for six weeks, January 7-February 11, 2016. The tonnage of recyclable materials collected in the pilot area during the same period was recorded by the City.

The City notified residents in the pilot area of the pilot program through a direct-mail postcard, utility bill stuffer, newspaper ads, brochure, and the City's website. Copies of these outreach materials are provided in Attachment A.

The City utilized existing inventory and acquired additional 64-gallon carts, which were fitted with blue lids to differentiate them from the carts used for garbage collection. All lids were equipped with a sticker explaining the types of materials accepted in the program.

On Saturday February 13, 2016, the City delivered a 64-gallon cart to each home in the pilot area, along with a brochure asking residents to place aluminum and steel cans, glass bottles and jars, cardboard and paperboard, newspaper, mixed paper, and plastics bottles and containers #1-#7 in the cart for recycling. During the pilot, participants were able to recycle non-bottle #1 and #2 plastics and plastics #3-#7, which are not accepted in the City's existing bin program.

The pilot program was conducted for 14 weeks, February 18-May 19, 2016. A City collection crew serviced the recycling carts each Thursday, the same service day residents were already accustomed to, using automated side-load vehicles equipped with AVL systems to monitor collection metrics. The quantity of material collected during each week of the pilot was also recorded. At the conclusion of the pilot program, all recycling carts were retrieved by City staff.

The following metrics were recorded and analyzed to evaluate the curbside residential single stream pilot:

- Number of Setouts – the number of bins/carts placed curbside for service each week.
- Setout Rate – the percent of households in the pilot area that placed bins/carts curbside for service per week.
- Tons Collected per Week – the total weight of materials collected from the pilot area per week.
- Pounds per Setout – the average pounds collected per bin/cart.
- Collection Time per Stop – the average time the collection vehicle took to service each curbside bin/cart.
- Time Between Stops – the average drive time between curbside bins/carts.
- Time in Pilot Area – the total time it took to service all curbside bins/carts in the pilot area.
- Average Pounds per Household per Week – average pounds collected per week divided by the total number of households in the pilot area.
- Average Pounds per Household per Year – Average Pounds per Household per Week times 52 weeks per year.

The City also conducted an online participant survey between March 20 and May 26, 2016 to obtain resident feedback regarding the pilot program. Participants were notified by the City about the survey via the City's website and a direct-mail postcard (in addition to the postcard notifying residents about the pilot program) sent to all residences in the pilot area on April 13, 2016.

2.2. Multi-Family Residential Pilot

The City piloted single stream recycling at two apartment complexes, one that had been participating in the City's multi-family recycling program through the use of a partitioned roll-off in the parking lot and another that was not participating. Different collection systems were utilized at the two complexes as follows:

- At The Cliffs II, recycling dumpsters were placed throughout the complex parking lot adjacent to the existing garbage dumpsters. These new recycling dumpsters replaced the single large roll-off recycling container previously located in the parking lot that had separate storage compartments for each type of recyclable material.
- At The Academy at Frisco, the recycling chute was used. Prior to the pilot, the recycling chute was utilized as a second garbage chute. Residents wishing to recycle had to take their recyclables to one of the City's recycling drop-off centers. During the pilot, this chute was clearly labeled for recycling and led to a recycling dumpster.

City staff met with the property managers at these two complexes several times to discuss the pilot and to provide education on the single stream program. Educational materials were produced for the apartment pilot, including brochures, posters, and container signs. Copies of these educational materials are provided in Attachment B. An online survey was also conducted to garner feedback.

The multi-family pilot program ran for 12 weeks, from April 5-June 21, 2016. A City collection crew serviced the recycling containers each Tuesday during the pilot. Collection time was not monitored because servicing the two participating complexes was not representative of servicing a route of recycling dumpsters. However, it is safe to say that servicing recycling dumpsters is less time-consuming and, therefore, less costly than servicing partitioned roll-offs. This will be further evaluated in the scenario modeling.

The following metrics were recorded and analyzed to evaluate the multi-family single stream pilot:

- Total tons collected.
- Average pounds per unit per week.

2.3. Material Processing

A state-of-the-art single stream material recovery facility (MRF) that accepts a full range of commingled recyclables does not currently exist in Northwest Arkansas; therefore, single stream processing could not be evaluated as part of the pilot program.

To recycle materials collected in the pilot program and to gain an understanding of the relative quantities of materials and contamination collected as single stream recyclables, KCI and the City enlisted the assistance of GP Harmon. The City and GP Harmon entered into an agreement for GP Harmon to accept the City's single stream recyclables at GP Harmon's facility, located at 1421 East 15th Street in Fayetteville, and manually sort and market them. While GP Harmon recorded all quantities of materials received and marketed, all parties realized that this process in no way replicated the operation of a state-of-the-art single stream MRF.

GP Harmon chose to hand sort recyclables off of the tip floor. Recovered materials were weighed and recorded by material type. The remaining residue, which consisted of non-recyclable materials and recyclables that were not recovered by this rudimentary manual sorting system, was also weighed and recorded. To determine what percentage of this residue consisted of recyclables

versus contaminants, GP Harmon staff conducted a second sort of residue from 4 of the 14 loads.¹ The residue was placed on a table with a 1.75" x 0.75" screen. Recyclable materials that did not fall through the screen were hand-sorted.

3. Pilot Results

3.1. Curbside Residential Results

Table 1 provides a comparison of the pre-pilot and pilot averages for the metrics that were monitored and recorded for curbside residential collection in the pilot area. Figure 1 depicts the percentage of households in the pilot area that placed their recycling cart curbside during each week of the pilot program as compared to the average pre-pilot recycling bin setout rate. Figure 2 depicts the quantity of recyclable materials collected during each week of the pilot as compared to the average weekly tonnage during the pre-pilot. More detailed data regarding the pilot program is provided in Attachment C.

Collection efficiency improved dramatically during the pilot program. Collection times at each household dropped from just over one minute during the pre-pilot to an average of seven seconds during the pilot. Collection time for the entire pilot area dropped from more than 12.5 hours for the curb-sort program to 5.25 hours for automated single stream collection, a 58% reduction in collection time. This reduction in collection time should result in nearly a 40% reduction in curbside recycling collection costs even including the cost of carts. This potential savings to the City will be further evaluated in the scenario modeling.

Table 1 – Curbside Single Stream Collection Pre-Pilot and Pilot Data

Pilot Metrics	Pre-Pilot Average	Pilot Average	Percent Increase/ (Decrease)
Number of Setouts per Week	444	678	53%
Setout Rate	44%	67%	52%
Tons Collected per Week	2.14	4.20	96%
Pounds/Setout	9.66	12.48	29%
Collection Time per Stop*	0:01:04	0:00:07	(89%)
Time Between Stops*	0:00:38	0:00:21	(44%)
Time In Pilot Area*	12:32:35	5:16:37	(58%)
Total Pilot Households	1,006	1,010.2**	
Average lbs./household/week	4.28	8.32	94%
Average lbs./household/year (est.)	222	433	94%

Note: Pilot Metrics are defined on page 2.

*Time is recorded as hours, minutes, seconds (i.e., hh:mm:ss)

**Number of households in pilot area increased as additional units became occupied; therefore, an average was used.

The percentage of households placing a recycling container curbside for collection each week increased by nearly 53% and the average quantity of materials collected each week increased by

¹ A load means all materials collected on the pilot route on a single collection day, regardless if the truck tipped more than once.

approximately 96%. Extrapolated to an annual basis, conversion to single stream recycling would be expected to increase the quantity of recyclables collected per household in the pilot area from 222 pounds per year to 433 pounds per year, or approximately 94%. This is consistent with KCI's experience, as well as reported increases in various other communities that have converted to single stream recycling. In addition, communities striving for high diversion rates often target per household recycling rates of 400-600 pounds per year.

Figure 1 – Weekly Recycling Container Setout Rates

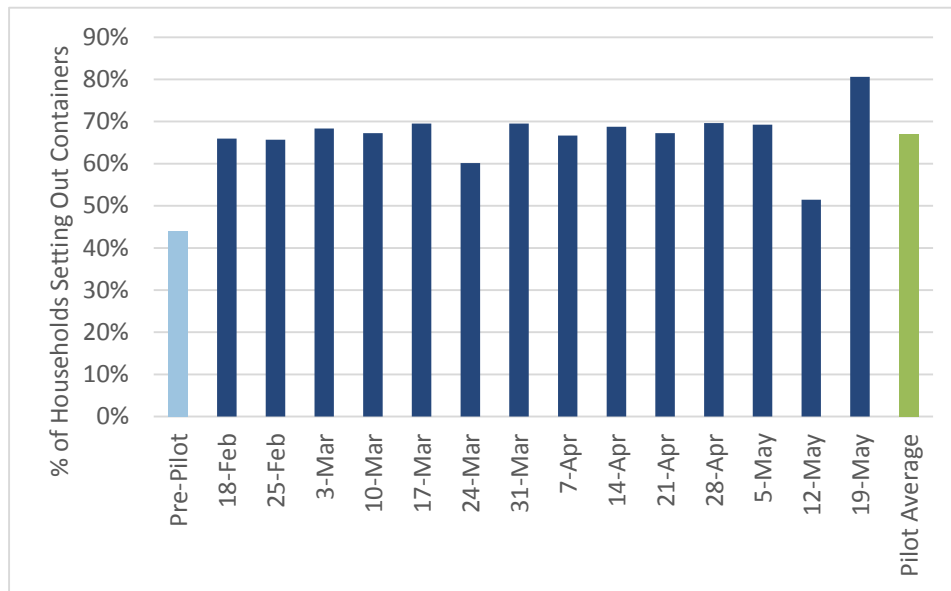
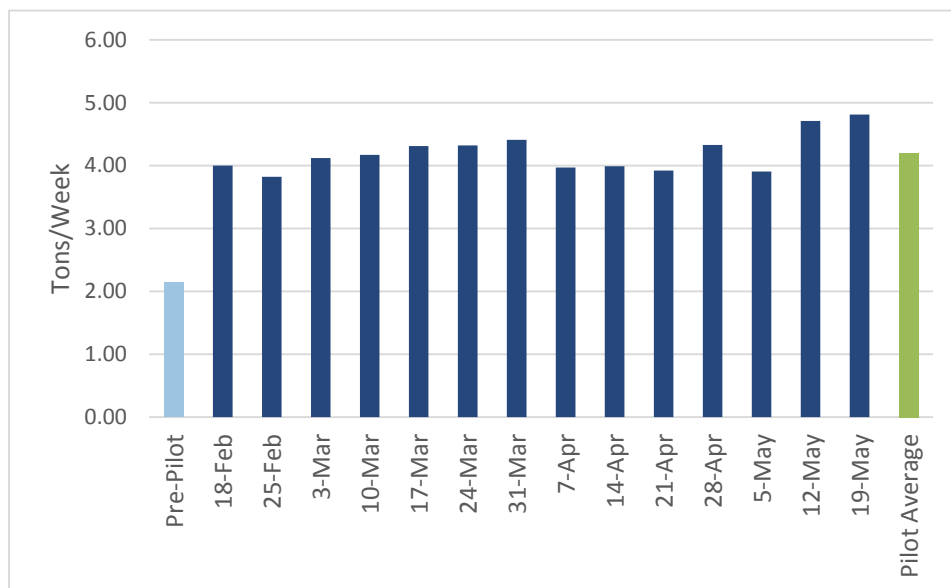


Figure 2 – Tons of Recyclables Collected per Week



As mentioned previously, the pilot was not intended to evaluate processing because a state-of-the-art single stream MRF was not available. However, Table 2 provides a summary of the data provided by GP Harmon. The table includes the types and percentages of materials recovered from the initial manual floor sort of all materials collected during the pilot. It also provides the total percentage of materials recovered from loads #7-#10 during the initial floor sort and a secondary sort using a rudimentary screen. During the secondary sort, GP Harmon estimated that approximately 90% of the large grit (i.e., materials that did not pass through the screen but were not manually sorted) consisted of recyclable glass. Therefore, Table 2 provides data for loads #7-#10 in two ways, one counting all large grit as residue and the other counting 90% of large grit as glass. Additional details regarding data reported by GP Harmon are provided in Attachment C.

Table 2 – Summary of Manual Processing of Curbside Recyclables (% by weight)

Material	All Loads - Initial Sort	Loads #7-#10 - All Grit as Residue	Loads #7-#10 - 90% of Large Grit as Glass
Cardboard	25%	26%	26%
Newspaper	13%	11%	11%
Mixed Paper	18%	20%	20%
#1 PET Bottles	5%	5%	5%
#2 HDPE Bottles	3%	3%	3%
Plastics #3-#7	2%	2%	2%
Aluminum Cans	2%	2%	2%
Steel Cans	3%	3%	3%
Scrap Metal	0%	0%	0%
Mixed Glass	15%	16%	20%
Total Recovered	87%	88%	92%
Unaccepted Materials		3%	3%
Small Grit		5%	5%
Large Grit		4%	0%
Residue	13%	12%	8%
Total Processed	100%	100%	100%

Note: Columns may not appear to calculate correctly due to rounding.

With effective education to minimize contamination and a state-of-the-art single stream MRF, a 10-15% residue rate is reasonable to expect. Applying this range of potential residue to the quantity of recyclables collected during the pilot program results in an average of 7.1-7.5 pounds of recyclables per household per week, an increase of 65-74% over the existing bin program.²

² This is likely a conservative estimate because it assumes no contamination in the existing bin program.

Nearly 29% of residents in the pilot area responded to the survey (288 responses). These responses reflected overwhelming support for the carted recycling system. Highlights of the survey are provided below; full survey results are included in Attachment D.

- Prior to the pilot, only 69% of respondents placed their recycling bins curbside each week and more than 10% stated that they rarely or never placed their bins curbside. During the pilot, 81% of survey respondents placed their cart at the curb every week.³
- 92% of respondents stated they recycled more materials during the pilot than they had previously.
- 88% found the 64-gallon cart to be a “good size.”
- Respondents thought the brochure, postcard, and utility bill stuffer were the most successful methods to inform them of the pilot study.
- 95% of respondents found the educational brochure to contain useful information regarding the new program and how to use the new recycling cart correctly.
- The majority of respondents were “excited” (72%) or “interested” (26%) to participate in the single stream pilot.
- When asked what benefits they experienced from single stream recycling:
 - 97% stated convenience, putting all materials into a single cart.
 - 92% stated more recyclables, recycling the additional plastics.
 - 90% stated convenience, cart easier to roll to the curb for collection.
 - 83% stated the larger cart allowed them to recycle more.
 - 69% stated neighborhood aesthetics, no open bins or recyclables lost in the wind.
 - 56% stated collection service was quicker/less bothersome.
- 98% of respondents believe single stream should be available to households citywide.

The survey also requested general comments from respondents and over 200 comments were received, the overwhelming majority of which expressed support for the program (see Attachment D). In addition, the City received unsolicited comments about the pilot program via email, which are provided in the sidebar.

Unsolicited Resident Comments on Single Stream Recycling

“I am writing about the recycle program that ended today. I am very happy with the rolling bins that have been tested the last few months. Another thing to consider is that I am a disabled Veteran and it is a lot easier to roll out a bin on rollers than it is to carry out two containers by hand. I would love to see the city continue with the rolling bins. Thank you for your consideration.”

“I just delivered my blue lid recycle bin to the curb for the last time - just wanted to let you know how much I love this program and was glad to be a part of the pilot – I sure hope that the City decides to adopt the blue lid in the very near future.”

“Please tell me you'll be bringing back the single stream recycling program. It was far easier for me, because I have a bad back, but it also made some of my neighbors who never recycled much if any before do it.”

“The current blue lid container is much too big for our family of 2. Can you coordinate the size with our general garbage container? Otherwise this is a good plan.”

³ These percentages apply to survey respondents only and differ from the pre-pilot and pilot setout percentages recorded for the total pilot area.

3.2. Multi-Family Residential Results

Table 3 presents the results of the pilot program at the two multi-family residential complexes, as well as pre-pilot data for The Cliffs II and the City's overall multi-family recycling program. Prior to the pilot program, The Cliffs II collected an average of 0.91 pounds of recyclables per unit per week. The City's overall multi-family recycling program averaged 1.11 pounds of recyclables per unit per week. During the pilot program, the pounds of recyclables collected per unit more than doubled (2.51 pounds). In fact, the tonnage of materials collected from the two complexes during the pilot program was only 100 pounds less than all multi-family recyclables collected in 2015.

Table 3 – Comparison of Multi-Family Data Results

Pilot Metrics	The Cliffs II Pre-Pilot Average	Multi-Family 2015 Average	Pilot Average
Number of Units	360	1,392	579
Total Pounds/Week	326	1,548	1,451
Average Pounds/Unit/Week	0.91	1.11	2.51
Average Pounds/Unit/Year (est.)	47	58	130

Note: The Academy at Frisco did not participate in the multi-family recycling program prior to the pilot program.

Materials collected from both complexes during the multi-family pilot were floor sorted by GP Harmon. Table 4 provides a summary of the data provided by GP Harmon, including the types and percentages of materials recovered. Additional details regarding data reported by GP Harmon is provided in Attachment E.

Table 4 – Summary of Manual Processing of Pilot Multi-Family Recyclables (% by weight)

Material	Multi-Family Materials
Cardboard	29%
Newspaper	6%
Mixed Paper	22%
#1 PET Bottles	4%
#2 HDPE Bottles	2%
Plastics #3-#7	2%
Aluminum Cans	1%
Steel Cans	1%
Scrap Metal	0%
Mixed Glass	13%
Total Recovered	81%
Residue	19%
Total Processed	100%

Note: Column may not appear to calculate correctly due to rounding.

The residue levels reported by GP Harmon for the 12 multi-family loads were highly variable, ranging from 5-32%. GP Harmon reported that the load with a 32% residue level contained a muddy substance that contaminated other materials. This speaks to the importance of educating multi-family residents of how to properly participate in the program. Recyclable materials collected in multi-family complexes generally have a higher degree of contamination than curbside recyclables.

The overall average residue rate resulting from manually floor sorting the multi-family materials was 19%. A state-of-the-art single stream MRF would likely have recovered additional recyclable materials from the multi-family stream. Even assuming 19% of the collected materials were lost as residue, the pilot resulted in an average of 2.03 pounds of recyclables per unit per week (81% of the 2.51 average pounds collected per unit per week), an 83% increase over the 2015 multi-family average.

Only 18 surveys were completed by multi-family residents in the participating complexes. Of those, 15 were residents of The Cliffs II and 3 were residents of the Academy at Frisco. Full survey results, including participant comments, are provided in Attachment F. Highlights of the survey are provided below.

- Prior to the pilot, 89% of respondents recycled at least once per month. During the pilot, all respondents recycled at least once per month.
- 89% of respondents reported recycling more during the pilot than they had previously.
- Prior to the pilot, 56% utilized the recycling roll-off at The Cliffs II to recycle and 17% utilized the Happy Hollow Recycling Center.
- The new containers (78%), posters in the buildings (61%), and the apartment managers (44%) were the most successful methods of letting residents know about the pilot.
- When asked what benefits they experienced from single stream recycling:
 - 100% stated convenience, putting all materials into a single container.
 - 89% stated more recyclables, the additional plastics.
 - 89% stated convenience, location of containers/recycling chute.
- All respondents (100%) stated that the program should be available to apartment complexes citywide.

4. Conclusion

The single stream pilot program was successful in evaluating (1) recycling participation, (2) material collection, and (3) collection efficiency of converting to curbside single stream recycling in lieu of the City's current curb-sort program. It was also successful in providing material collection and participation information for multi-family single stream recycling as compared to the partitioned recycling roll-offs that are currently utilized.

The results for both the curbside and multi-family residential pilot programs were very promising in terms of participation, tonnage, and collection efficiencies. These results will be utilized to further evaluate and model citywide conversion to single stream recycling and the potential implications to the City, both in waste diversion, collection efficiency, and cost. The pilot results provide city-specific data on which to base this further analysis. The decision of whether or not to implement single stream recycling will be a policy decision made by the City.

ATTACHMENT A – CURBSIDE RESIDENTIAL PILOT EDUCATION AND OUTREACH MATERIALS

Cart Sticker



RECYCLE SOMETHING
FAYETTEVILLE, ARKANSAS
★ BE BIG → ★
START SMALL

City of Fayetteville
SINGLE STREAM
RECYCLING PILOT PROGRAM
THANK YOU FOR PARTICIPATING!

WHAT CAN I RECYCLE?



ALL the recyclables go into this cart.
No sorting necessary!

PLEASE REINFLATE BALLONS, BOTTLE & JARS

PLASTIC BOTTLES AND CONTAINERS NUMBERED 1 THROUGH 7 WILL BE ACCEPTED IN THE PROGRAM!

City of Fayetteville Recycling and Trash Collection Division
Give us a call or drop us a line. We love to talk trash!
479.575.8398 // recyclingandtrash@fayetteville-ar.gov

RecycleSomething.org

Utility Bill Stuffer (see Cart Sticker for reverse)



RECYCLE SOMETHING
FAYETTEVILLE, ARKANSAS
★ BE BIG → ★
START SMALL

Single Stream Recycling Pilot Program

Xxx XX –
Xxx XX, XXXX



The City Council has set a goal of diverting 80% of our waste from the landfill by 2025. As part of the long-term Solid Waste Reduction, Diversion and Recycling Master Plan, the Recycling and Trash Collection Division has selected your neighborhood for studying alternative methods for collecting household recycling. Specifically, your household is being asked to participate in a pilot program that will generate data to evaluate the effectiveness of single stream recycling collection. This means, that for a period of time, the City asks you to store your current recycle bin and instead, use a new City-provided cart for recycling. The City will provide an on-line communication and feedback mechanism for your comments and input during this pilot program (approximately 1,000 participating households).

Please see the other side for important details!

Here's How it Works:

- Your household will receive one wheeled roll-cart to use during the pilot program. ALL the recyclables will go into this cart — no sorting necessary!
- Your household's trash and recycling collection day will remain the same. Continue to recycle the same items your household currently recycles. Find a list of what the City recycles at fayetteville-ar.gov/recycle.

NOTE:
Plastic bottles and containers numbered 1 through 7 will be accepted in the program!



Please keep your smaller recycling bins (use as recycling stations around your home). Your household will resume using the bins when the pilot program is over.

Questions? We love to talk trash. Recycling and Trash Collection Division:
479.575.8398 or recyclingandtrash@fayetteville-ar.gov

RecycleSomething.org

Educational Brochure



Single Stream Recycling Pilot Program

Xxx XX —
Xxx XX, 2016

Thank you for your participation in the Single Stream Recycling Pilot Program!

The City Council has set a goal of diverting 80% of our waste from the landfill by 2025. As part of the long-term Solid Waste Reduction, Diversion and Recycling Master Plan, the Recycling and Trash Collection Division has selected your neighborhood for studying alternative methods for collecting household recycling.

Specifically, your household is being asked to participate in a pilot program that will generate data to evaluate the effectiveness of single stream recycling collection. This means, that for a period of time, the City asks you to store your current recycle bin and instead, use a new City-provided cart for recycling.

The City will provide an online communication and feedback mechanism for your comments and input during this pilot program (approximately 1,000 participating households).

Take a moment to review the Q&A and cart placement diagrams on the inside of this brochure



ALL the recyclables go into this cart. No sorting necessary!

PLASTIC BOTTLES AND CONTAINERS NUMBERED 1 THROUGH 7 WILL BE ACCEPTED IN THE PROGRAM. PLEASE FINISH ALL CANS, BOTTLES AND JARS.

**BE BIG →
START SMALL**

CITY OF Fayetteville
ARKANSAS

Recycling and Trash Collection Division
1560 S. Happy Hollow Road
Fayetteville, AR 72701

Phone: 479.575.8398
E-mail: recyclingandtrash@fayetteville-ar.gov

RecycleSomething.org

City of Fayetteville
SINGLE STREAM RECYCLING
PILOT PROGRAM




WHY PARTICIPATE?
Recycling can help lower your monthly cost for trash service through our Pay As You Throw trash collection program. The more you recycle the more likely you can get a smaller trash cart and save money each month! By treating trash service just like electricity, gas and other utilities you can save yourself money by doing what's best for the environment. So be big, start small. Recycle Something today!

WHY A PILOT PROGRAM?
The pilot program is being conducted in your neighborhood to test a new system and gather data on its effectiveness. If successful, the program may be expanded in the future.

HOW DOES IT WORK?
Instead of separating your recyclables, you can put them all in one cart for automated collection. This type of collection is similar to your weekly trash collection that uses automated trucks to service the carts. It is safer and more efficient.


WILL MY COLLECTION DAY CHANGE? No, your collection day will remain the same.

CAN I USE MY EXISTING GREEN BIN? No, only the carts can be used for this program. Please keep your regular recycling bins. You will go back to using them once the pilot is over.


WHERE SHOULD I PLACE THE CART?
It is very important that you place your cart properly at the curb so the automated arm can lift it. Keep a clearance area of 3 feet around the cart, away from mailboxes, parked cars, trash carts or trees. Please make sure that the handle of the cart faces away from the street and that the lid is closed.

WHAT ABOUT BIG BOXES?
Flatten your boxes and put them in the cart IF there is room. If your boxes don't fit in the cart, break them down and place them beside the cart.


PROPER CURBSIDE PLACEMENT




Place cart a few inches from the curb with wheels and handle facing away from the street. The lid should remain closed. Choose as level a surface as possible.



Proper cart placement makes the automated collection process easy and fast.



Do not place carts near parked cars. There should be a 3 foot clearance area around the cart to allow for pickup.



Do not place carts too close to mailboxes or other objects or too close to low-hanging branches.

ATTACHMENT B – MULTI-FAMILY PILOT EDUCATION AND OUTREACH MATERIALS

Chute Sign at The Academy at Frisco



Dumpster Sign at The Cliffs II



The Academy at Frisco Recycling Brochure



Single Stream Recycling Pilot Program

March 28 — May 20 2016

Thank you for your participation in the Single Stream Recycling Pilot Program!

The City Council has set a goal of diverting 80% of Fayetteville's waste from the landfill by 2025. As part of the long-term Solid Waste Reduction, Diversion and Recycling Master Plan, the City's Recycling and Trash Collection Division has selected your apartment complex to participate in a pilot program studying alternative methods for collecting recyclables.

The pilot program will generate data to evaluate the effectiveness of single stream recycling collection. ALL recyclables go into the same designated recycling chute, no sorting necessary.

For the duration of the pilot program, the City asks you to bring your recyclables to the trash room located on each floor and place the recyclables into the chute that is marked for recycling.

The City will collect data via an online survey from participants. If you don't have access to a computer, please contact the Recycling and Trash Collection Division's office.

Take a moment to review the Q&A and cart placement diagrams on the inside of this brochure



NOW ACCEPTING ALL PLASTIC CONTAINERS LABELED #1-#7, SUCH AS #5 MARGARINE TUBS AND YOGURT CUPS.
Please rinse all cans, bottles and jars and empty and flatten all boxes

BE BIG → START SMALL

CITY OF Fayetteville ARKANSAS

Recycling and Trash Collection Division
1560 S. Happy Hollow Road
Fayetteville, AR 72701

Phone: 479.575.8398
E-mail: recyclingandtrash@fayetteville-ar.gov

RecycleSomething.org

City of Fayetteville
RECYCLING PILOT PROGRAM
for THE ACADEMY AT FRISCO




PROGRAM FAQ'S

WHY A PILOT PROGRAM?
The pilot program is being conducted in your apartment complex to test a new system and gather data on its effectiveness. If successful, the program may be expanded in the future.

WHY PARTICIPATE?
Recycling in Fayetteville is now easier than ever! Save time, valuable resources and help your city out by separating your recyclables from your trash and putting them into the designated recycling chute located in the trash rooms on each floor. Sending waste to the landfill costs us much more than recycling good materials. So Be Big, Start Small. Recycle Something today!

WHAT ARE THE BENEFITS OF A SINGLE STREAM RECYCLING PROGRAM FOR APARTMENT COMPLEXES?
A single stream recycling program provides an increase in acceptable materials which provides a convenience to the consumer. This results in increased participation and available tonnage to recycle.

HOW DOES IT WORK?
Throughout the week, we ask that you collect recyclables listed on the back of this brochure in the recycling bin provided by the City. As needed, you may bring the recyclables to the trash room and place them in the designated chute for recycling.

WHAT ARE NEWLY ACCEPTED MATERIALS?
This single stream recycling pilot accepts ALL plastic containers labeled #1-#7. Some common examples include #5 margarine tubs and yogurt cups. Please rinse all bottles and containers.

WHAT ABOUT BIG BOXES?
Flatten your boxes and put them in the designated recycling chute located in the trash room on each floor. Boxes might need to be torn apart to fit into the chute.

HOW LONG IS THE PILOT PROGRAM?
The pilot program will begin March 28th and end May 20th.

HOW CAN I PROVIDE FEEDBACK ABOUT THE PROGRAM?
Two apartment complexes (The Cliffs and The Academy at Frisco) are participating in this pilot program and will be able to provide feedback at <https://www.surveymonkey.com/r/apartmentrecycle>

HOW WILL DATA COLLECTED BE USED BY THE CITY?
The City will collect information on collection costs and efficiency, and contamination rates with the recyclables to determine if single stream recycling collection for apartment complexes is a viable option for the City of Fayetteville.

RECYCLING TIPS

WHAT CAN I RECYCLE?



✓ Look for the poster like this in each trash room and place recyclables into that chute.

✓ Inside your apartment, use a reusable shopping bag, bucket or recycling bin like pictured here to collect your recyclables.

✗ Plastic Bags are NOT accepted in the red single stream recycling dumpster.

BE BIG → START SMALL

Recycle Something Today!

The Cliffs II Recycling Brochure



Single Stream Recycling Pilot Program

March 28 — May 20 2016

Thank you for your participation in the Single Stream Recycling Pilot Program!

The City Council has set a goal of diverting 80% of Fayetteville's waste from the landfill by 2025. As part of the long-term Solid Waste Reduction, Diversion and Recycling Master Plan, the City's Recycling and Trash Collection Division has selected your apartment complex to participate in a pilot program studying alternative methods for collecting recyclables.

The pilot program will generate data to evaluate the effectiveness of single stream recycling collection. ALL recyclables go into the same recycling dumpster, no sorting necessary.

For the duration of the pilot program, the City asks you to bring your recyclables to the red-colored single stream dumpster located next to a trash dumpster in your complex.

The City will collect data via an online survey from participants. If you don't have access to a computer, please contact the Recycling and Trash Collection Division's office.

Take a moment to review the Q&A and cart placement diagrams on the inside of this brochure



NOW ACCEPTING ALL PLASTIC CONTAINERS LABELED #1-#7, SUCH AS #5 MARGARINE TUBS AND YOGURT CUPS.
Please rinse all cans, bottles and jars and empty and flatten all boxes

BE BIG → START SMALL

CITY OF Fayetteville ARKANSAS

Recycling and Trash Collection Division
1560 S. Happy Hollow Road
Fayetteville, AR 72701

Phone: 479.575.8398
E-mail: recyclingandtrash@fayetteville-ar.gov

RecycleSomething.org

City of Fayetteville
RECYCLING PILOT PROGRAM
for THE CLIFFS




PROGRAM FAQ'S

WHY A PILOT PROGRAM?
The pilot program is being conducted in your apartment complex to test a new system and gather data on its effectiveness. If successful, the program may be expanded in the future.

WHY PARTICIPATE?
Recycling in Fayetteville is now easier than ever! Save time, valuable resources, and help your city out by separating your recyclables from your trash and putting them into the red recycling dumpster next to the trash dumpster. Sending waste to the landfill costs us much more than recycling good materials. So Be Big, Start Small. Recycle Something today!

WHAT ARE THE BENEFITS OF A SINGLE STREAM RECYCLING PROGRAM FOR APARTMENT COMPLEXES?
A single stream recycling program provides an increase in acceptable materials which provides a convenience to the consumer. This results in increased participation and available tonnage to recycle.

HOW DOES IT WORK?
Throughout the week, we ask that you collect recyclables listed on the back of this brochure in a receptacle of your choice. Reusable shopping bags or buckets make good containers that don't take up too much room. As needed, you may place recyclables into the red recycling dumpster located next to the trash dumpster.

WHAT ARE NEWLY ACCEPTED MATERIALS?
This single stream recycling pilot accepts ALL plastic containers labeled #1-#7. Some common examples include #5 margarine tubs and yogurt cups. Please rinse all bottles and containers.

WHAT ABOUT BIG BOXES?
Flatten your boxes and put them in the red recycling dumpster. If the recycling dumpster is full please place them in another recycling dumpster in your complex.

HOW LONG IS THE PILOT PROGRAM?
The pilot program will begin March 28th and end May 20th.

HOW CAN I PROVIDE FEEDBACK ABOUT THE PROGRAM?
Two apartment complexes (The Cliffs and The Academy at Frisco) are participating in this pilot program and will be able to provide feedback at <https://www.surveymonkey.com/r/apartmentrecycle>

HOW WILL DATA COLLECTED BE USED BY THE CITY?
The City will collect information on collection costs and efficiency, and contamination rates with the recyclables to determine if single stream recycling collection for apartment complexes is a viable option for the City of Fayetteville.

RECYCLING TIPS



✓ Look for the red recycling dumpster in The Cliffs outdoor trash areas.



✓ Inside your apartment, use a reusable shopping bag, bucket or recycling bin like pictured here to collect your recyclables.



✗ Plastic Bags are NOT accepted in the red single stream recycling dumpster.

BE BIG → START SMALL

Recycle Something Today!

ATTACHMENT C – CURBSIDE RESIDENTIAL DATA**Table C-1 – Curbside Residential Pre-Pilot Data**

Pre- Pilot Metrics	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Pre-Pilot Average
	1/7/2016	1/14/2016	1/21/2016	1/28/2016	2/4/2016	2/11/2016	
Setouts	393	414	402	481	491	482	443.8
Setout Percentage	39.1%	41.2%	40.0%	47.8%	48.8%	47.9%	44.1%
Tons Collected	1.89	1.84	1.98	2.34	2.38	2.43	2.14
Pounds Per Setout	9.6	8.9	9.9	9.7	9.7	10.1	9.7
Collection Time	0:00:57	0:01:04	0:01:02	0:01:05	0:01:07	0:01:06	0:01:04
Time Between Stops	0:00:41	0:00:34	0:00:40	0:00:39	0:00:42	0:00:33	0:00:38
Time In Pilot Area	10:47:41	11:36:32	11:02:42	13:46:46	14:08:04	13:53:47	12:32:35
Total Pilot Households	1006	1006	1006	1006	1007	1007	1006
Average lbs./household	3.8	3.7	3.9	4.7	4.7	4.8	4.3

Table C-2 –Curbside Residential Pilot AVL and Tonnage Data

Pilot Metrics	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
	02/18/16	02/25/16	03/03/16	03/10/16	03/17/16	03/24/16	03/31/16	04/07/16
Setouts	664	662	689	679	703	608	703	674
Setout Percentage	65.9%	65.7%	68.4%	67.2%	69.5%	60.1%	69.5%	66.7%
Tons Collected	4.00	3.82	4.12	4.17	4.31	4.32	4.41	3.97
Pounds Per Setout	12.05	11.54	11.96	12.28	12.26	14.21	12.26	11.78
Collection Time	0:00:07	0:00:07	0:00:07	0:00:07	0:00:07	0:00:08	0:00:07	0:00:07
Time Between Stops	0:00:20	0:00:22	0:00:20	0:00:20	0:00:19	0:00:23	0:00:24	0:00:20
Time In Pilot Area	5:02:52	5:25:35	5:07:48	5:12:03	5:00:30	5:09:02	5:17:33	5:01:32
Total Pilot Households	1007	1008	1008	1010	1011	1011	1011	1011
Average lbs./household	7.9	7.6	8.2	8.3	8.5	8.5	8.7	7.9

Pilot Metrics	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Pilot Average
	04/14/16	04/21/16	04/28/16	05/05/16	05/12/16	05/19/16	
Setouts	695	680	704	700	520	815	678
Setout Percentage	68.7%	67.3%	69.6%	69.2%	51.4%	80.6%	67.1%
Tons Collected	3.99	3.92	4.37	3.90	4.71	4.81	4.20
Pounds Per Setout	11.48	11.53	12.41	11.14	18.12	11.80	12.48
Collection Time	0:00:07	0:00:07	0:00:07	0:00:07	0:00:07	0:00:07	0:00:07
Time Between Stops	0:00:21	0:00:21	0:00:21	0:00:23	0:00:25	0:00:20	0:00:21
Time In Pilot Area	5:17:06	5:22:17	5:25:22	5:47:27	4:30:25	6:13:13	5:16:37
Total Pilot Households	1011	1011	1011	1011	1011	1011	1010.2
Average lbs./household	7.9	7.8	8.6	7.7	9.3	9.5	8.3

Notes:

Households in the pilot area increased during the pilot due to new occupancies within the pilot area.

Time is recorded as hours, minutes, seconds (i.e., hh:mm:ss)

Table C-3 – Curbside Residential Pilot Data for Initial Manual Floor Sort (pounds)

Material	18-Feb	25-Feb	3-Mar	10-Mar	17-Mar	24-Mar	31-Mar	7-Apr	14-Apr	21-Apr	28-Apr	5-May	12-May	19-May	Total	Percent
Cardboard	1,927	2,153	2,086	2,103	2,425	2,285	2,142	2,038	2,103	2,115	2,158	1,859	2,014	2,402	29,810	25%
Newspaper	1,560	821	1,235	932	1,261	1,194	1,001	765	864	846	1,076	889	1,259	1,038	14,741	13%
Mixed Paper	1,293	1,284	1,315	1,672	1,406	1,579	1,758	1,638	1,548	1,270	1,542	1,605	1,908	1,795	21,613	18%
#1 PET Bottles	350	412	437	332	445	376	493	349	419	444	491	383	403	551	5,885	5%
#2 HDPE Bottles	262	269	283	271	308	263	264	286	299	254	291	287	242	350	3,929	3%
Plastics #3-#7	140	101	78	106	79	71	85	112	166	181	231	240	380	372	2,342	2%
Aluminum Cans	165	148	159	187	174	151	184	162	143	168	169	179	152	207	2,348	2%
Steel Cans	240	207	259	222	219	188	292	230	190	217	239	223	200	413	3,339	3%
Scrap Metal	0	0	0	0	37	0	0	0	0	3	20	40	57	0	157	0%
Mixed Glass	1,473	1,557	1,608	1,545	1,674	996	889	1,211	1,145	1,234	1,288	939	1,282	1,214	18,055	15%
Total Recovered	7,410	6,952	7,460	7,370	8,028	7,103	7,108	6,791	6,877	6,732	7,505	6,644	7,897	8,342	102,219	87%
Residue	590	688	780	970	592	1,537	1,712	1,149	1,103	1,108	1,235	1,156	1,523	1,278	15,421	13%
Total Processed	8,000	7,640	8,240	8,340	8,620	8,640	8,820	7,940	7,980	7,840	8,740	7,800	9,420	9,620	117,640	100%

Note: Column may not appear to calculate correctly due to rounding.

Table C-4 – Curbside Residential Pilot Data for Combined Initial and Secondary Sort (pounds)

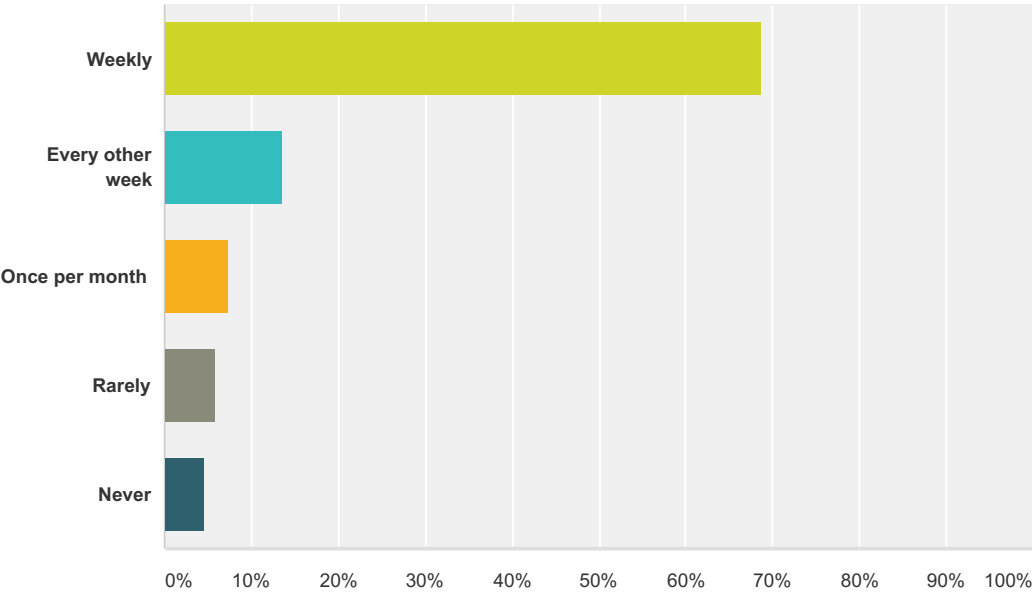
Material	31-Mar	7-Apr	14-Apr	21-Apr	All Grit as Residue		90% of Large Grit as Glass	
					Total	Percent	Total	Percent
Cardboard	2,142	2,038	2,103	2,115	8,398	26%	8,398	26%
Newspaper	1,001	765	864	846	3,476	11%	3,476	11%
Mixed Paper	1,798	1,661	1,567	1,346	6,372	20%	6,372	20%
#1 PET Bottles	505	354	422	446	1,727	5%	1,727	5%
#2 HDPE Bottles	278	289	301	256	1,124	3%	1,124	3%
Plastics #3-#7	102	124	174	207	607	2%	607	2%
Aluminum Cans	185	164	145	169	663	2%	663	2%
Steel Cans	304	242	197	220	963	3%	963	3%
Scrap Metal	0	0	0	3	3	0%	3	0%
Mixed Glass	1,154	1,409	1,323	1,357	5,243	16%	6,501	20%
Total Recovered	7,469	7,046	7,096	6,965	28,576	88%	29,834	92%
Unaccepted Materials	336	178	167	192	873	3%	873	3%
Small Grit	548	429	427	329	1,733	5%	1,733	5%
Large Grit	467	287	290	354	1,398	4%	140	0%
Total Processed	8,820	7,940	7,980	7,840	32,580	100%	32,580	100%

Note: Column may not appear to calculate correctly due to rounding.

ATTACHMENT D – CURBSIDE RESIDENTIAL SURVEY RESULTS

Q1 Prior to the pilot program, how often did you typically place your recycling bin curbside for collection?

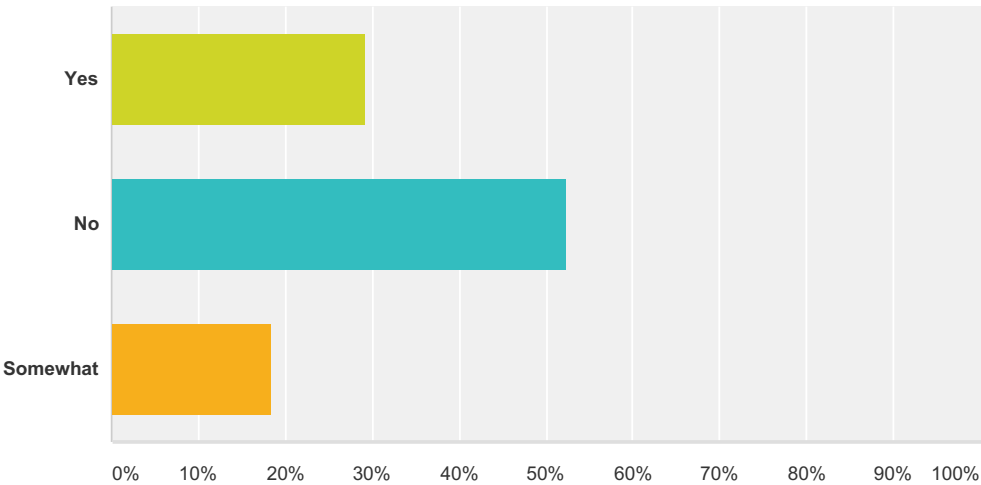
Answered: 288 Skipped: 0



Answer Choices	Responses	
Weekly	68.75%	198
Every other week	13.54%	39
Once per month	7.29%	21
Rarely	5.90%	17
Never	4.51%	13
Total		288

Q2 Prior to the pilot program, did you know what single stream recycling was?

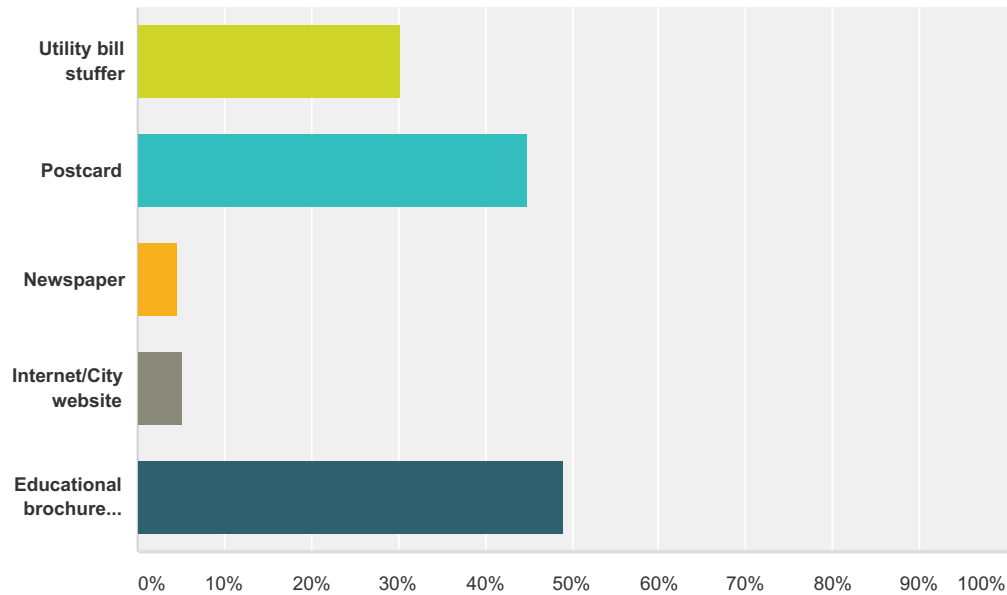
Answered: 288 Skipped: 0



Answer Choices	Responses	
Yes	29.17%	84
No	52.43%	151
Somewhat	18.40%	53
Total		288

Q3 How did you learn that you would be part of the pilot program? (select all that apply)

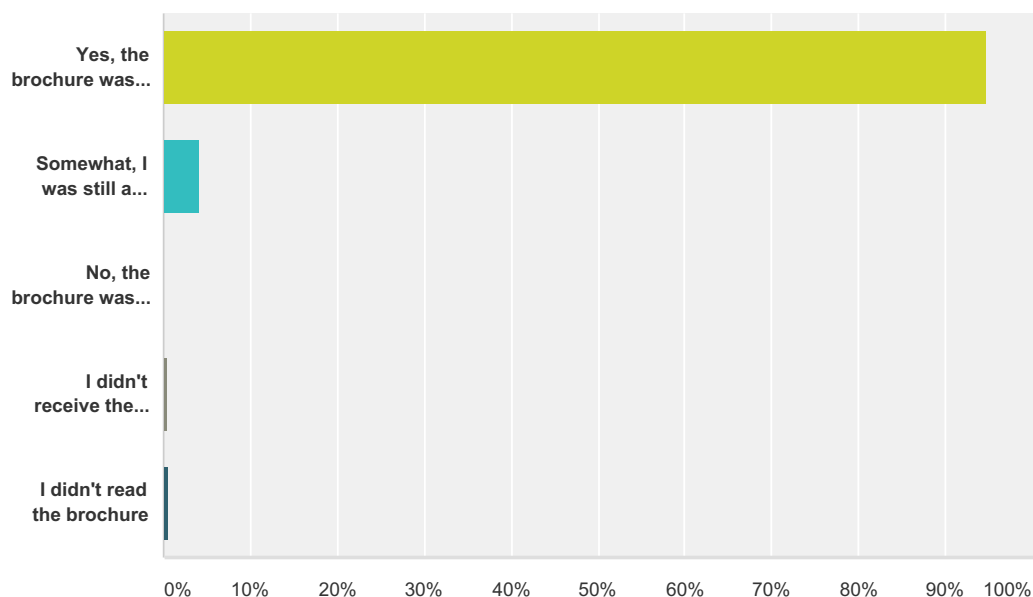
Answered: 288 Skipped: 0



Answer Choices	Responses	
Utility bill stuffer	30.21%	87
Postcard	44.79%	129
Newspaper	4.51%	13
Internet/City website	5.21%	15
Educational brochure attached to cart	48.96%	141
Total Respondents: 288		

Q4 When you received your recycling cart, did the educational brochure provide you with enough information about the program and how to correctly use your new recycling cart?

Answered: 288 Skipped: 0



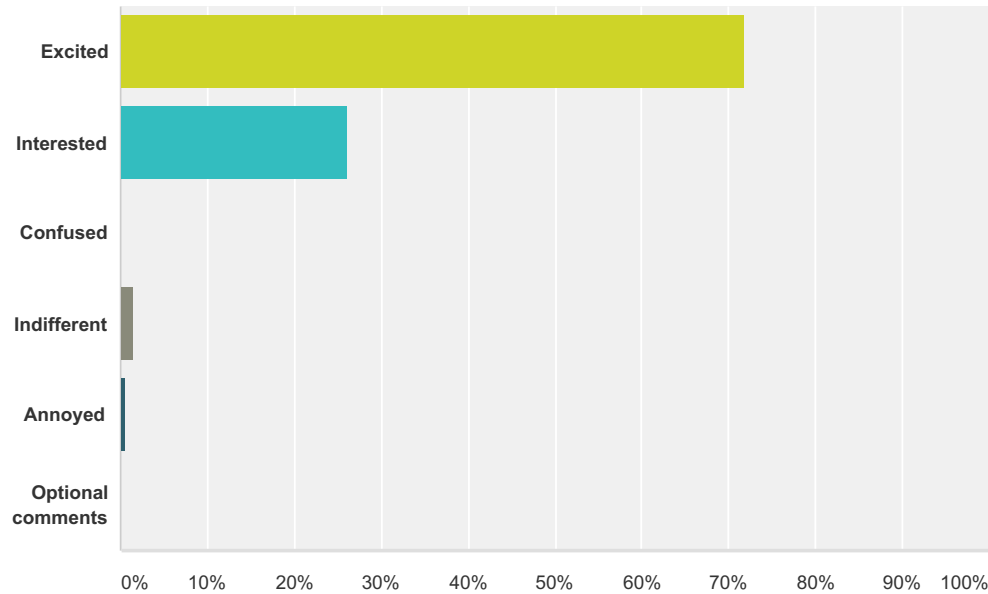
Answer Choices	Responses
Yes, the brochure was informational	94.79% 273
Somewhat, I was still a little confused	4.17% 12
No, the brochure was not helpful to me	0.00% 0
I didn't receive the brochure	0.35% 1
I didn't read the brochure	0.69% 2
Total	288

#	Optional comments	Date
1	Leared a lot about what all could be recycled. Awesome!!!	6/3/2016 12:55 PM
2	Love the new program!	5/22/2016 10:29 PM
3	I think the program is great. It really helps us recycle.	5/19/2016 4:48 PM
4	was not sure if paper had to be placed in a paper bag inside bin or not	5/13/2016 10:40 AM
5	I was not sure about how to fill with newspaper and junk mail, whether to put in loose or in a bag.	5/10/2016 3:21 PM
6	I knew what to do and was beyond excited to recycle things I usually cannot.	5/10/2016 2:24 PM
7	not enough clarity on what is and is not recycled	5/10/2016 9:33 AM
8	It could provide more information about plastic bags and what kind can be recycled	5/9/2016 7:19 PM
9	Ample easy to understand information was available in many locations.	5/9/2016 3:08 PM

10	We were confused about items with mixed materials, such as paper milk cartons with plastic spouts and lids or coffee cans made of both paper and tin. Can we recycle those? Also, what about plastics that don't have the triangle and number? Clarification on how to recycle mixed materials would be appreciated.	4/22/2016 5:40 PM
11	Hoping the city of Fayetteville continue program.	4/20/2016 4:01 PM
12	I personally didn't read it so not sure about the information. My husband just told me about it because he read it.	4/20/2016 1:48 PM
13	My house was skipped on the Sat. they brought the blue lids. However, workers for recycling brought me a blue lid and explained how it worked.	4/17/2016 2:15 PM
14	Can I recycle plastics that don't have a number or a plastic like salads come in from grocery stores?	4/16/2016 2:01 PM
15	I would be unhappy to go back to the old way.	4/16/2016 12:02 PM
16	This makes recycling very easy	4/16/2016 7:56 AM
17	We were also home when they dropped off the bin and they discussed the program with us	4/16/2016 7:38 AM
18	The first couple of times we put trash with the recycle till we got notification not to do it. We thought that because one place we lived did it that way. It did not work I think.	4/15/2016 8:06 PM
19	I was hoping the information would be more specific with information about styrofoam, bubble wrap, plastic wrap etc.	4/15/2016 3:56 PM
20	It's not complicated9	4/15/2016 1:39 PM
21	the brochure was clear and concise.	4/15/2016 12:15 PM
22	The brochure was VERY informative. When does this project end? Also, the brochure needs to highlight the survey monkey website for feedback.	3/12/2016 4:02 PM

Q5 What was your first impression of carted, single stream recycling when you heard you were selected for participation in the pilot study?

Answered: 288 Skipped: 0

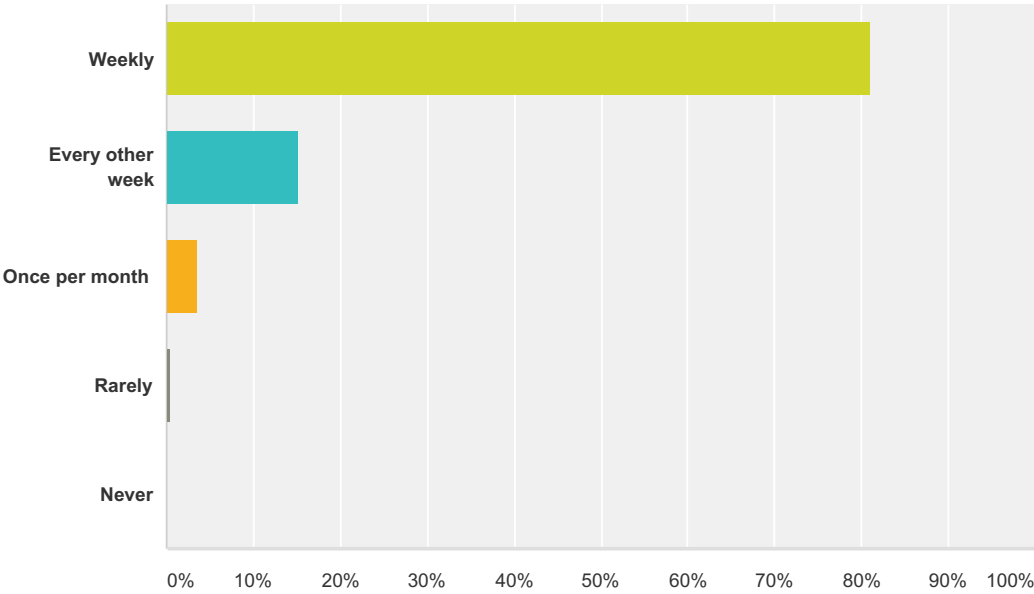


Answer Choices	Responses
Excited	71.88%207
Interested	26.04%75
Confused	0.00%0
Indifferent	1.39%4
Annoyed	0.69%2
Optional comments	0.00%0
Total	288

#	Optional comments	Date
	There are no responses.	

Q6 During the pilot program, how often did you typically place your recycling cart curbside for collection?

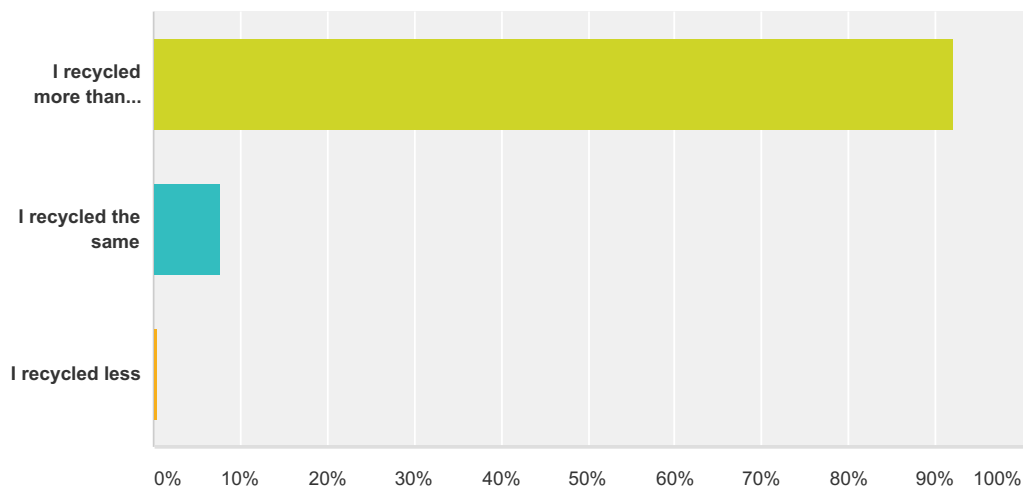
Answered: 288 Skipped: 0



Answer Choices	Responses	
Weekly	80.90%	233
Every other week	15.28%	44
Once per month	3.47%	10
Rarely	0.35%	1
Never	0.00%	0
Total		288

Q7 Regarding the quantity of materials you recycled during the pilot, did your recycling habits change?

Answered: 288 Skipped: 0



Answer Choices	Responses
I recycled more than previously	92.01% 265
I recycled the same	7.64% 22
I recycled less	0.35% 1
Total	288

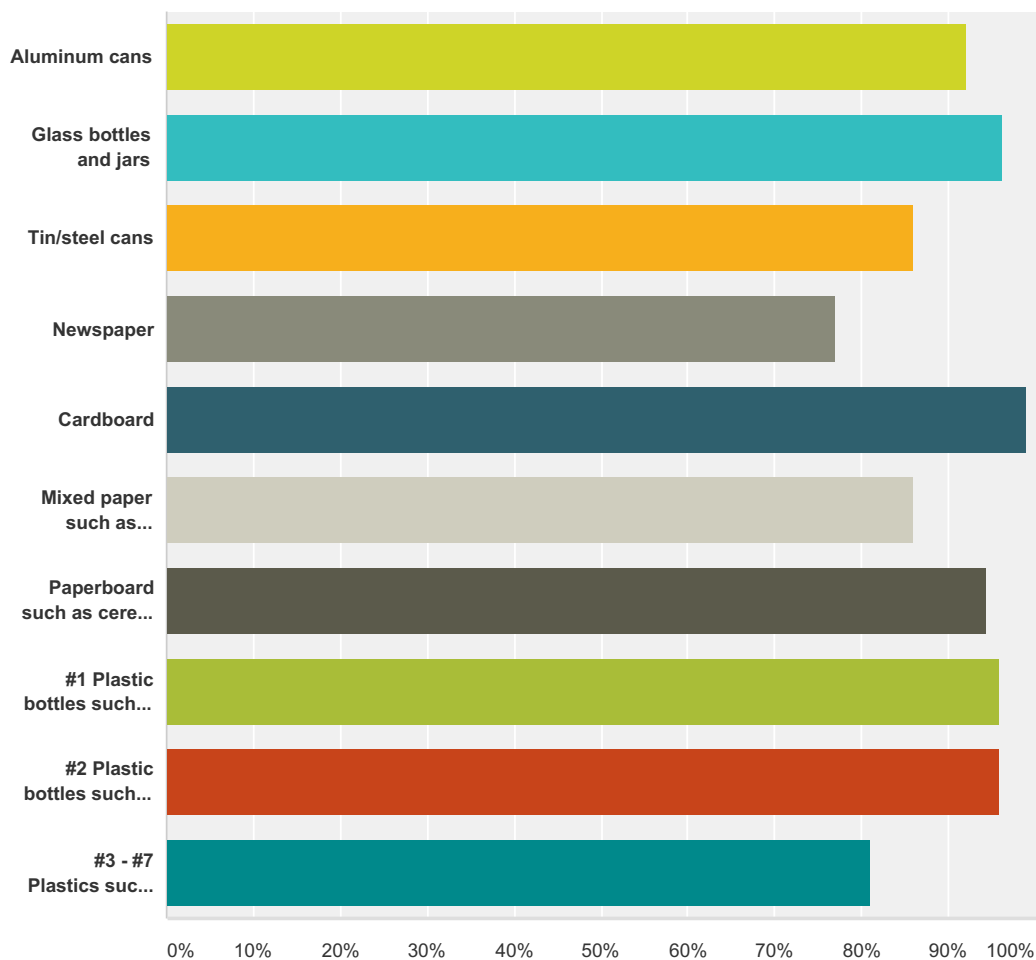
#	Optional comments	Date
1	A larger container was helpful. I did not need to take it out to the curvb every single week.	6/26/2016 7:20 PM
2	I RECYCLED A GREAT DEAL MORE!	6/6/2016 5:12 PM
3	So easy!!	6/3/2016 6:02 PM
4	A few plastics were added through that time.	6/3/2016 3:25 PM
5	We recycled much more than we had been with the LITTLE bins. Our kids helped more with the program too	6/3/2016 12:55 PM
6	Recycled probably twice as much	6/3/2016 11:02 AM
7	I loved that I could put plastics 1-7 in the containers	6/3/2016 10:41 AM
8	Recycled more mainly because more plastic was accepted.	5/23/2016 4:24 PM
9	I really like not having to sort recyclables.	5/22/2016 10:29 PM
10	much more old program was too much trouble	5/15/2016 9:51 AM
11	loved being able to recycle more plastics	5/14/2016 2:03 PM
12	we were told we could recycle more plastics than before	5/13/2016 10:40 AM
13	With this program we recycle more than we throw away	5/12/2016 9:49 PM
14	I no longer made trips to the recycling center	5/12/2016 1:49 PM
15	It was much easier under the new system.	5/12/2016 1:37 PM
16	I've always recycled everything that I could.	5/12/2016 9:40 AM

17	MUCH MORE	5/11/2016 4:21 PM
18	This made recycling SO much easier!	5/11/2016 10:31 AM
19	with time, filled cart more and more	5/10/2016 9:37 PM
20	We recycle so much more with a large container that doesn't require sorting types of plastics for recycling	5/10/2016 5:15 PM
21	Never recycled prior to this program. I love it, please please please don't do away with it!!!	5/10/2016 2:24 PM
22	Being able to put all the plastics from 1-7 in made me so happy. I was mailing my #5 plastics to a place in New Hampshire.	5/10/2016 2:24 PM
23	I could recycle so much more!	5/10/2016 2:18 PM
24	Some items were not acceptable before, but were under streaming.	5/9/2016 6:40 PM
25	recycled more due to acceptance of more items	5/9/2016 4:11 PM
26	I recycled a lot more because the other bins only took numbers 1 and 2	5/9/2016 4:08 PM
27	More only because you began accepting plastics 3-7	5/9/2016 4:06 PM
28	This program was so much easier	5/9/2016 3:08 PM
29	There were more items we could recycle (e.g., yogurt cups)	5/8/2016 3:16 PM
30	I recycled much more than before	4/28/2016 11:48 AM
31	Did not have to sort like I did before	4/25/2016 9:21 PM
32	bin accepted more plastics; also brought recyleables from work	4/25/2016 8:20 AM
33	Recycled more plastics	4/22/2016 12:29 PM
34	Additional types of plastic accepted	4/22/2016 9:20 AM
35	We requested 2 bins previously and the big cart is much easier.	4/20/2016 1:48 PM
36	I had more room to recycle more	4/20/2016 10:51 AM
37	Much, much more...not even close	4/18/2016 7:44 AM
38	I loved being able to put everything in the same bin, and it has decreased the amount of trash I put out.	4/17/2016 2:15 PM
39	I added the additional acceptable plastic items	4/17/2016 12:27 PM
40	I got my office to recycle stuff!	4/17/2016 10:08 AM
41	The container is way too big and difficult to store.	4/17/2016 8:03 AM
42	It was nice to be able to recycle butter bowls and additional materials that are not taken at the recycling center	4/17/2016 6:33 AM
43	I recycled significantly more with single stream due to ease of use as well as more materials that were allowed to be collected	4/16/2016 10:12 PM
44	We recycle everthing. It is awesome	4/16/2016 8:35 PM
45	I could now recycle plastics with 3-7, before I could not	4/16/2016 8:34 PM
46	I recycled more because the program accepted more items	4/16/2016 3:21 PM
47	We recycled everything we were allowed to! Our trash bin was never as full as the recycling bin.	4/16/2016 12:39 PM
48	Less confusion- no trouble	4/16/2016 12:02 PM
49	More plastic options available	4/16/2016 11:15 AM
50	I enjoyed the ability to do all types of plastic	4/16/2016 7:38 AM
51	more different numbered plastic.	4/15/2016 8:06 PM
52	We recycled a lot more types of plastic.	4/15/2016 7:44 PM
53	I love that we could recycle all plastis especially all of the clamshells	4/15/2016 7:39 PM
54	It seems more items were allowed, such as sour cream tubs and lids (that have the recycle symbol).	4/15/2016 5:38 PM
55	My regular garbage is much less and my recycle bin if more full.	4/15/2016 3:56 PM

56	Mostly mixed paper and some plastics	4/15/2016 3:55 PM
57	I hardly have any trash with the new program.	4/15/2016 3:51 PM
58	more plastic recycled that could not recycle before	4/15/2016 2:17 PM
59	We recycled at least triple the amount we used to.	4/15/2016 1:49 PM
60	It's way easier, and the wheeled cart is easier to get to the curb than the green box.	4/15/2016 1:38 PM
61	this is great	4/15/2016 12:08 PM
62	Working families where time is severely constrained will benefit since it involves less time and less space to recycle. I observed that our throw-out landfill trash has gone down, since the project was enacted.	3/12/2016 4:02 PM

Q8 During the pilot program, what types of recyclables did you place in your cart? (select all that apply)

Answered: 288 Skipped: 0

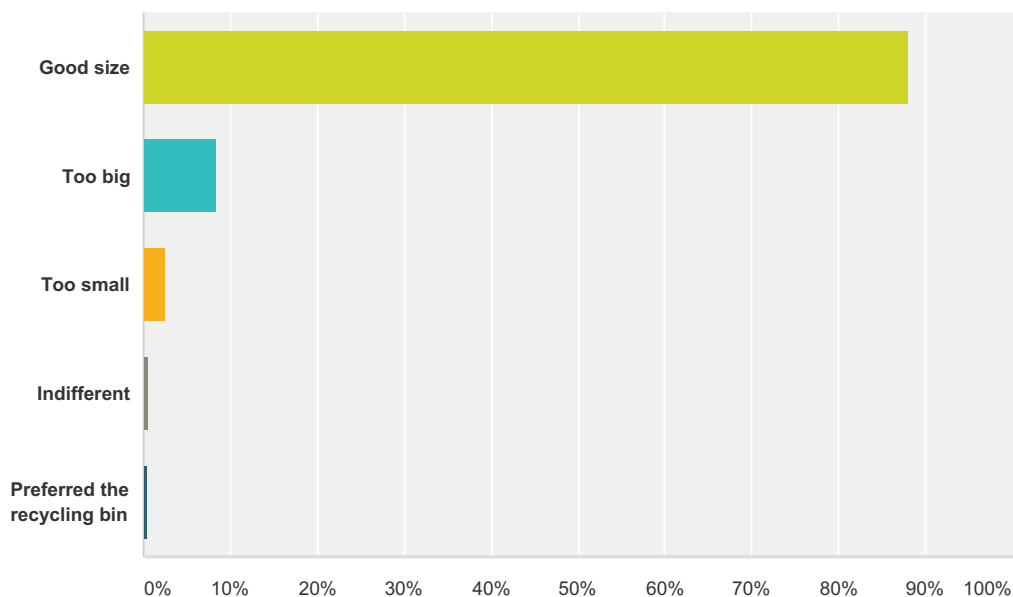


Answer Choices	Responses
Aluminum cans	92.01% 265
Glass bottles and jars	96.18% 277
Tin/steel cans	86.11% 248
Newspaper	77.08% 222
Cardboard	98.96% 285
Mixed paper such as magazines, junk mail, printer paper, and phone books	86.11% 248
Paperboard such as cereal boxes and shoe boxes	94.44% 272
#1 Plastic bottles such as water bottles and 2-liter soda bottles	95.83% 276
#2 Plastic bottles such as 1-gallon milk/water jugs and detergent bottles	95.83% 276
#3 - #7 Plastics such as pill bottles, yogurt/plastic cups, and tubs/lids	80.90% 233

Total Respondents: 288

Q9 What did you think of the size of the cart you received for recycling service?

Answered: 288 Skipped: 0



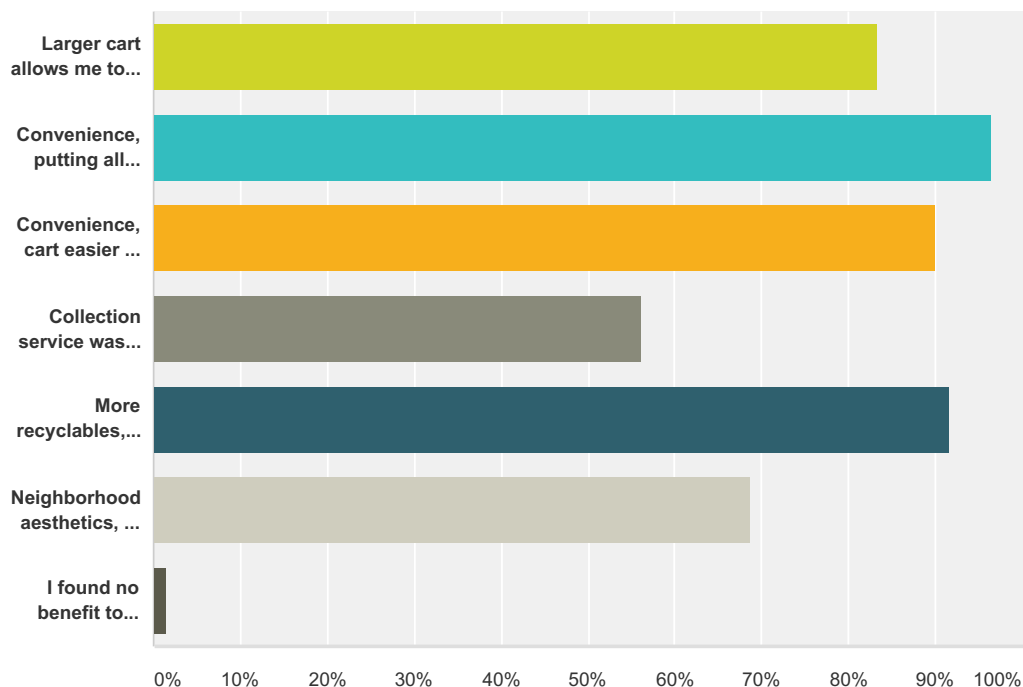
Answer Choices	Responses
Good size	88.19% 254
Too big	8.33% 24
Too small	2.43% 7
Indifferent	0.69% 2
Preferred the recycling bin	0.35% 1
Total	288

#	Optional comments	Date
1	Larger size made it possible to put the cart out every other week, usually.	6/3/2016 3:25 PM
2	Please allow us to use these all the time!!!	6/3/2016 12:55 PM
3	Loved the size. It was much more convenient	6/3/2016 11:02 AM
4	I appreciate the ability whell the cart to the curb and not having to pick up the recycling bin.	5/22/2016 10:29 PM
5	This is a tricky question. For weekly pick-up, the bin was too large. But it was fine if we only placed it on the curb every other week.	5/20/2016 9:47 AM
6	I like the size because we could put it out every other week instead of once a week and it was nice to be able to roll the cart out rather than having to carry it out	5/13/2016 10:40 AM
7	Need bigger Blue Lid carts.	5/12/2016 9:49 PM
8	Perfect size!	5/12/2016 3:40 PM
9	Great size!!	5/11/2016 3:58 PM
10	My family of 6 filled it to the top every week.	5/11/2016 9:54 AM
11	can't go back to the bin!	5/10/2016 9:37 PM

12	It is great for cardboard	5/10/2016 3:21 PM
13	I filled it every week. We were moving into the house when it started, so I had LOTS of paper and cardboard, old magazines, etc.	5/10/2016 2:24 PM
14	About twice as big as needed. Takes up too much room in my garage	5/10/2016 9:33 AM
15	Held about what one old bin held.	5/9/2016 6:40 PM
16	adjusted storage space in garage but never full per wk	5/9/2016 4:06 PM
17	Afraid bottles will break because they fall so far down. Cannot get anything back out.	5/8/2016 3:16 PM
18	It's nice not having to take our recyclables to the road every week. Now we typically only have to do so every 3 weeks.	5/3/2016 9:59 AM
19	Too big for single person households	4/28/2016 11:48 AM
20	Perfect Size	4/27/2016 4:27 PM
21	I love that the cart is on wheels and is large enough for all of the recyclables.	4/24/2016 5:51 PM
22	At times a little too small because we recycle so much more now than before because it is so much easier	4/24/2016 2:26 PM
23	So much easier to get to the curb!!	4/23/2016 8:32 AM
24	I wouldn't go smaller!	4/20/2016 11:42 AM
25	There are only 2 people in our household so we don't make as much waste as a typical family.	4/18/2016 8:55 AM
26	Could be a little larger	4/17/2016 12:27 PM
27	Cart is way too big. Really annoying.	4/17/2016 8:03 AM
28	I never filled it to capacity, but I appreciated the size because my big cat litter plastics can fit in it	4/16/2016 7:38 AM
29	With a garbage cart and a big recycle cart, it takes up too much space in our garage.	4/15/2016 8:06 PM
30	My wife orders daily, it appears, from Amazon. We have TONS of cardboard boxes to recycle.	4/15/2016 7:44 PM
31	Love it!	4/15/2016 5:40 PM
32	Single person household, need smaller bin	4/15/2016 4:41 PM
33	I am single	4/15/2016 3:55 PM
34	Bigger than I needed, but using this has taken the amount of trash I throw away down.... This is a Great program.	4/15/2016 3:08 PM
35	The size allows me to wait an additional week, if I don't have enough that week	4/15/2016 2:15 PM
36	mine could be smaller, but I don't mind the large size. I just wheel it to the curb every other week.	4/15/2016 12:15 PM
37	Now my trash container is way too big!	3/19/2016 9:32 AM
38	we love the size. there are times when we ran out of room ad had to either save the recycling to the next week, or ,on occasion, I'd make special trips to the recycling center. I can see others not doing this and just throwing any overflow recycling in the trash, which is a waste/lost opportunity.	3/12/2016 4:02 PM
39	Too big for storing in garage. Not enough room on driveway for both carts.	2/18/2016 10:48 AM

Q10 After participating in the pilot program, do you see any benefits of carted, single stream recycling? (select all that apply)

Answered: 288 Skipped: 0



Answer Choices	Responses
Larger cart allows me to recycle more	83.33% 240
Convenience, putting all materials into a single cart	96.53% 278
Convenience, cart easier to roll to curb for collection	89.93% 259
Collection service was quicker/less bothersome	56.25% 162
More recyclables, I like recycling the additional plastics	91.67% 264
Neighborhood aesthetics, no open bins or recyclables lost in the wind	68.75% 198
I found no benefit to single stream.	1.39% 4
Total Respondents: 288	

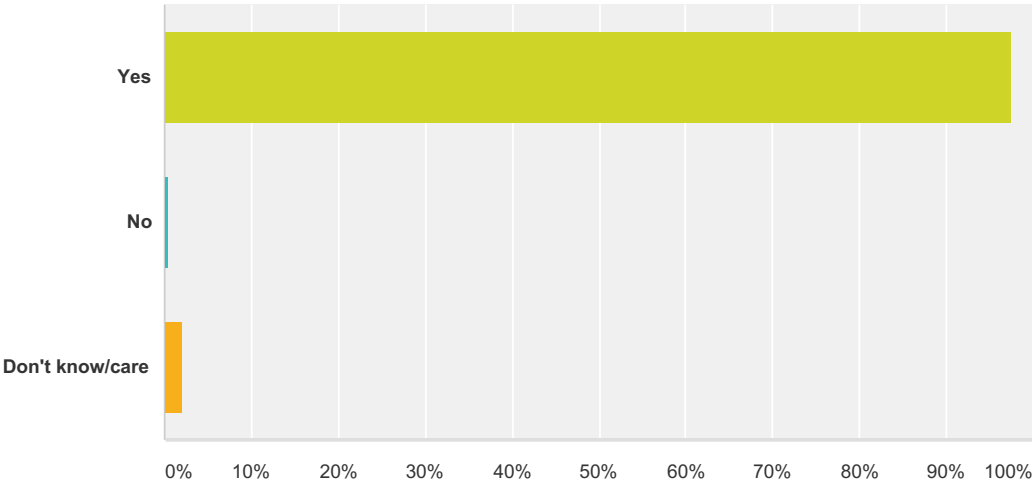
#	Optional comments	Date
1	I would like the trial to become permanent.	6/26/2016 7:20 PM
2	what a much better system. Even if one compares the idea that there are more, perhaps, items that are not recyclable in the single stream, convenience is king these days. So i made an actual effort to recycle via single stream. So much better and more convenient.	6/6/2016 5:12 PM
3	Loved it!!!! So much better than the little bins	6/3/2016 12:55 PM
4	Bring the carts back!! :)	6/3/2016 11:11 AM
5	I would like for styrofoam recycling to be added as well	5/23/2016 4:24 PM

6	Please switch to the blue lid program.	5/22/2016 10:29 PM
7	It also reduced the amount of garbage placed in my garbage bin.	5/20/2016 9:47 AM
8	Too much contamination in single stream	5/16/2016 12:27 PM
9	do we really have to stop? this was fantastic!	5/14/2016 2:03 PM
10	I found the new system to be very convenient and easy	5/13/2016 10:40 AM
11	do hope this program is implemented	5/12/2016 3:34 PM
12	I LOVED the single stream recycling and hope we can do this again!	5/11/2016 3:58 PM
13	don't stop this program	5/11/2016 10:01 AM
14	I would like to see neighbors store their trash carts out of sight or in garage . Not in front of the garage door all week . Is there an ordinance against doing this ?	5/10/2016 7:33 PM
15	We love it!!! Cut our trash down significantly!	5/10/2016 6:09 PM
16	LOVE the program. I hope we get to continue with this service!	5/10/2016 4:36 PM
17	This is awesome!	5/10/2016 3:21 PM
18	I will miss this terribly!	5/10/2016 2:24 PM
19	Loved it.	5/10/2016 12:39 PM
20	no sorting	5/10/2016 9:33 AM
21	Mainly more recyclables.	5/9/2016 6:40 PM
22	Loved it!	5/9/2016 6:33 PM
23	This size bin was VERY convenient, I am elderly and being able to roll the cart was extremely helpful	5/9/2016 5:01 PM
24	I would be interested in a smaller can.	5/8/2016 3:16 PM
25	Love it!	5/3/2016 9:59 AM
26	I think this is truly a cool deal and am excited about this moving across fayetteville	4/27/2016 4:27 PM
27	I love the new program.	4/22/2016 12:29 PM
28	Sometimes I confused my trash and recycling bins, maybe make it all blue.	4/20/2016 8:53 PM
29	This is the best program to recycle. In previously lived in Litle a Rock with the same blue lid single stream and more neighbors recycled with the single source can. Please please make this program permanent.	4/19/2016 10:45 AM
30	I LOVE this program!	4/18/2016 9:02 AM
31	I hope we keep this program. I especially like the collection service.	4/17/2016 2:15 PM
32	LOVE IT!!!	4/17/2016 12:27 PM
33	Loved it!	4/17/2016 10:08 AM
34	Didn't really change for me.	4/17/2016 8:03 AM
35	It was probably safer for the drivers. This road(Hwy 16) is busy and for people to have to get out of their trucks could be dangerous.	4/17/2016 6:33 AM
36	Love IT saves so much from regular trash	4/16/2016 8:35 PM
37	love this system. I had it in Conway, AR before I moved to Fayetteville. Loved it there.	4/16/2016 8:34 PM
38	The drivers no longer throw items in the yard that they couldn't take and lids don't end up in storm drains	4/16/2016 3:21 PM
39	Great idea for once!	4/16/2016 12:02 PM
40	I love the ease of using this program.	4/16/2016 9:40 AM
41	I found it very easy and convenient.	4/16/2016 7:41 AM
42	Please continue this program - I've wondered why we don't have this for a while!	4/16/2016 7:38 AM
43	Helps neighbors that were not recycling to recycle.	4/15/2016 8:06 PM
44	coworker said he would be happy if this extended to his neighborhood too.	4/15/2016 6:26 PM

45	Those old bins can be cumbersome and too heavy for me. Please don't make me go back to using them.	4/15/2016 5:40 PM
46	I believe this greatly reduces the garbage going to the landfill	4/15/2016 3:56 PM
47	I love this new program. Please do not take it away.	4/15/2016 3:51 PM
48	OUTSTANDING... I really like this program. I hope you will keep it. I recycle more, and I do not have to burn gas to take materials you would not previously take. If you make it this convenient to recycle, it will reduce my trash usage. Again, this is a great program that I hope you will keep.	4/15/2016 3:08 PM
49	I love my new cart. I have a bad back and it's so much easier to wheel the cart to the curb instead of lifting. It's also so much easier to just throw in the recyclables than have to bend over and arrange. Who has time for that anyway ;)	4/15/2016 12:15 PM
50	I love the service. Love it!!	4/12/2016 10:51 PM
51	I LOVE single streaming. I am willing to pay a small ammount more on my bill if it will allow for us to continue this service. I believe in recycling as I have a 4 and 5 year old and if the city can make more money off of the plastics, cans, steel, and paper, then it's a win-win.	3/12/2016 4:02 PM

Q11 Do you think that carted, single stream recycling should be available to households citywide?

Answered: 288 Skipped: 0



Answer Choices	Responses	
Yes	97.57%	281
No	0.35%	1
Don't know/care	2.08%	6
Total		288

Q12 What is the name of the street you live on?

Answered: 286 Skipped: 2

#	Responses	Date
1	Liberty Dr.	6/26/2016 7:20 PM
2	Huntsville Rd.	6/22/2016 5:21 PM
3	Oakmont Drive	6/9/2016 8:34 AM
4	St. Andrews	6/8/2016 9:01 PM
5	Black Canyon Street	6/8/2016 10:34 AM
6	Pumpkin Ridge Dr	6/6/2016 8:05 PM
7	Oakmont	6/6/2016 5:12 PM
8	S River Meadows Drive	6/5/2016 5:11 PM
9	South Pumpkin Ridge Drive	6/5/2016 2:38 PM
10	E Eastpoint Drive	6/4/2016 10:54 PM
11	Black Canyon St.	6/4/2016 5:44 PM
12	Pumpkin ridge dr.	6/3/2016 7:53 PM
13	River Meadows Dr.	6/3/2016 6:23 PM
14	Pumpkin Ridge	6/3/2016 6:17 PM
15	Pumpkin Ridge	6/3/2016 6:02 PM
16	River Meadows Drive	6/3/2016 5:51 PM
17	S River Meadows	6/3/2016 3:25 PM
18	Eastpoint Drive	6/3/2016 3:22 PM
19	Doral drive	6/3/2016 12:55 PM
20	S river meadows dr	6/3/2016 12:54 PM
21	Cherry Hills Drive	6/3/2016 11:51 AM
22	Doral	6/3/2016 11:46 AM
23	Pumpkin Ridge	6/3/2016 11:29 AM
24	E Spanish bay	6/3/2016 11:11 AM
25	Pumpkin Ridge	6/3/2016 11:05 AM
26	oakmont	6/3/2016 11:02 AM
27	South Pumpkin Ridge Dr	6/3/2016 10:58 AM
28	Cherry Hills	6/3/2016 10:46 AM
29	Pumpkin Ridge	6/3/2016 10:41 AM
30	E Black Canyon St	6/1/2016 10:52 AM
31	S Apollo Dr	5/30/2016 8:00 PM
32	east troon	5/28/2016 2:39 PM
33	River Meadows Drive	5/26/2016 3:38 PM
34	E Cattail Ct.	5/23/2016 4:24 PM

35	Baldwin	5/22/2016 10:29 PM
36	Troon	5/21/2016 9:56 AM
37	E Spyglass Hill Drive	5/20/2016 9:47 AM
38	Falcon	5/19/2016 4:48 PM
39	Tallgrass	5/19/2016 11:33 AM
40	S Pumpkin Ridge Dr	5/19/2016 11:12 AM
41	Cherry Hill Dr.	5/19/2016 9:23 AM
42	River Meadows Dr	5/17/2016 10:03 AM
43	Falcon Dr.	5/17/2016 8:46 AM
44	Lawndale Drive	5/16/2016 8:44 PM
45	S. Eastview Dr	5/16/2016 8:25 PM
46	S River Meadows Dr.	5/16/2016 12:27 PM
47	Highbush Ave.	5/15/2016 6:06 PM
48	Pebble Beach Dr	5/15/2016 10:38 AM
49	Baldwin Avenue	5/15/2016 9:51 AM
50	Pumpkin Ridge Dr.	5/14/2016 2:03 PM
51	Pumpkin Ridge Drive	5/14/2016 11:01 AM
52	E. Oakmont Drive	5/13/2016 12:03 PM
53	Cherry Hills Drive	5/13/2016 10:40 AM
54	Spyglass Hill	5/13/2016 7:58 AM
55	E Country RDG	5/12/2016 9:49 PM
56	Highbush	5/12/2016 4:31 PM
57	Oakmont Dr	5/12/2016 3:40 PM
58	Oakmont	5/12/2016 3:34 PM
59	E Huntsville Rd	5/12/2016 1:49 PM
60	River Meadows	5/12/2016 1:43 PM
61	Spanish Bay Pl	5/12/2016 1:37 PM
62	Milo way	5/12/2016 11:20 AM
63	S. Pebble Beach Dr	5/12/2016 10:50 AM
64	S St Andrews Circle	5/12/2016 9:40 AM
65	S. Cherry Hills Drive	5/12/2016 7:54 AM
66	Eastview	5/11/2016 9:43 PM
67	Doral	5/11/2016 6:57 PM
68	E Country Ridge	5/11/2016 4:28 PM
69	Oakmont	5/11/2016 4:21 PM
70	Tallgrass	5/11/2016 3:58 PM
71	Pumpkin Ridge Dr	5/11/2016 2:32 PM
72	Cherry Hills Dr.	5/11/2016 2:18 PM
73	Spyglass Hill Dr	5/11/2016 1:52 PM
74	E River Bluff Cove	5/11/2016 10:31 AM
75	Tall grass Drive	5/11/2016 10:15 AM

76	River Meadows	5/11/2016 10:01 AM
77	Steeple Chase	5/11/2016 9:55 AM
78	St. Andrews Cir	5/11/2016 9:54 AM
79	Cherry hills drive	5/11/2016 9:07 AM
80	E. Spyglass Hill Dr.	5/11/2016 8:40 AM
81	Doral Drive	5/11/2016 7:06 AM
82	Oakmont	5/10/2016 9:37 PM
83	Pumpkin Ridge Drive	5/10/2016 9:37 PM
84	Pumpkin Ridge Drive	5/10/2016 8:51 PM
85	River Meadows	5/10/2016 8:46 PM
86	tallgrass	5/10/2016 8:14 PM
87	spyglass hill drive	5/10/2016 7:45 PM
88	River meadows	5/10/2016 7:33 PM
89	E. Black Canyon St.	5/10/2016 6:19 PM
90	S Blue Willow Ave	5/10/2016 6:14 PM
91	Pumpkin Ridge Drive	5/10/2016 6:09 PM
92	Colonial Drive	5/10/2016 5:15 PM
93	Cherry hills drive	5/10/2016 4:36 PM
94	River meadows	5/10/2016 4:12 PM
95	Pebble Beach Dr.	5/10/2016 3:49 PM
96	St Andrews Circle	5/10/2016 3:21 PM
97	Oakmont Drive	5/10/2016 3:19 PM
98	Oakmont Dr	5/10/2016 3:06 PM
99	Spyglass Hill Drive	5/10/2016 2:24 PM
100	River Meadows	5/10/2016 2:24 PM
101	Saint Andrew Circle	5/10/2016 2:20 PM
102	Oakmont Drive	5/10/2016 2:18 PM
103	St. Andrews Circle	5/10/2016 1:57 PM
104	Oakmont Drive	5/10/2016 1:57 PM
105	East Troon Drive	5/10/2016 12:39 PM
106	River Meadows Dr	5/10/2016 9:33 AM
107	Lake Sequoyah Dr	5/10/2016 8:45 AM
108	E SPYGLASS HILL DR	5/9/2016 8:39 PM
109	Deerfield Way	5/9/2016 7:19 PM
110	Huntsville Rd	5/9/2016 6:43 PM
111	Highbush Ave.	5/9/2016 6:40 PM
112	Highbush	5/9/2016 6:33 PM
113	S Tallgrass Dr	5/9/2016 5:50 PM
114	sonoma falls	5/9/2016 5:40 PM
115	River Meadows Dr.	5/9/2016 5:13 PM
116	Keen lane	5/9/2016 5:01 PM

117	lawndale dr	5/9/2016 4:12 PM
118	river meadows	5/9/2016 4:11 PM
119	E Black Canyon St	5/9/2016 4:10 PM
120	S. Sag Harbor Ave.	5/9/2016 4:08 PM
121	Saint Andrews	5/9/2016 4:06 PM
122	S. River Meadows Dr.	5/9/2016 3:59 PM
123	River Bluff Cove	5/9/2016 3:15 PM
124	Pumpkin Ridge	5/9/2016 3:14 PM
125	E Oakmont Dr	5/9/2016 3:08 PM
126	Tally Ho Dr.	5/9/2016 2:45 PM
127	River Meadows	5/9/2016 2:15 PM
128	S. River Meadows Dr.	5/9/2016 2:07 PM
129	Lawndale	5/9/2016 11:37 AM
130	South Pinnacle	5/9/2016 11:25 AM
131	Ed Edwards Rd	5/8/2016 3:16 PM
132	Steeple chase dr	5/7/2016 6:31 PM
133	River Meadows Dr.	5/7/2016 5:08 AM
134	Doral Drive	5/5/2016 4:44 PM
135	south liberty	5/5/2016 3:25 AM
136	S. Highbush ave.	5/3/2016 9:59 AM
137	Saint Andrews Circle	4/30/2016 2:48 PM
138	Tallgrass	4/30/2016 12:50 PM
139	S. Pumpkin Ridge Dr.	4/29/2016 7:09 PM
140	Antlers Ct	4/29/2016 8:02 AM
141	Steeple Chase Dr	4/28/2016 11:48 AM
142	Baldwin Avenue	4/27/2016 4:27 PM
143	River Meadows Dr.	4/27/2016 12:43 PM
144	Spritz	4/25/2016 11:39 PM
145	Talon Trail	4/25/2016 9:21 PM
146	south paradise ln	4/25/2016 4:57 PM
147	Deerfield Way	4/25/2016 1:10 PM
148	E Spyglass Hill Dr	4/25/2016 8:20 AM
149	Parkwood Drive	4/24/2016 10:06 PM
150	Laurel Landing	4/24/2016 5:51 PM
151	Highbush	4/24/2016 2:26 PM
152	Tallgrass Drive	4/23/2016 4:35 PM
153	Tallgrass	4/23/2016 8:32 AM
154	Laurel Landing	4/22/2016 5:40 PM
155	Regency Dr.	4/22/2016 12:29 PM
156	Huntsville Rd	4/22/2016 9:20 AM
157	S Pebble Beach Drive	4/22/2016 8:56 AM

158	Lake Sequoyah	4/21/2016 4:54 PM
159	Regency	4/21/2016 4:53 PM
160	Lake Sequoyah Dr	4/21/2016 12:41 PM
161	Cattail Court	4/21/2016 10:23 AM
162	Black canyon Street.	4/20/2016 8:53 PM
163	Huntsville Rd	4/20/2016 7:33 PM
164	APOLLO DR.	4/20/2016 4:01 PM
165	eastpoint dr	4/20/2016 2:48 PM
166	Tallgrass	4/20/2016 2:30 PM
167	East Talon Trail	4/20/2016 1:48 PM
168	Hunt Lane	4/20/2016 12:56 PM
169	Ed Edwards Road	4/20/2016 12:19 PM
170	huntsville (Hwy 16 east)	4/20/2016 11:42 AM
171	Blue willow	4/20/2016 10:51 AM
172	South Deerfield Way	4/20/2016 8:59 AM
173	S. Sinclair Avenue	4/19/2016 8:14 PM
174	TALLGRASS	4/19/2016 5:01 PM
175	River Meadows	4/19/2016 4:56 PM
176	Ed Edwards Rd	4/19/2016 1:20 PM
177	Doral Dr	4/19/2016 10:45 AM
178	E Black Canyon St.	4/19/2016 10:17 AM
179	norman murphy rd	4/19/2016 10:03 AM
180	Doral	4/19/2016 6:30 AM
181	River meadows Dr	4/18/2016 7:37 PM
182	S. Blue Willow Ave	4/18/2016 3:19 PM
183	Paradise Ln	4/18/2016 2:37 PM
184	Keen Lane	4/18/2016 11:53 AM
185	South Monarch Ave	4/18/2016 9:39 AM
186	E Troon Dr	4/18/2016 9:16 AM
187	S. River Meadows Dr.	4/18/2016 9:02 AM
188	South Doral Drive	4/18/2016 8:55 AM
189	s. river meadows drive	4/18/2016 8:49 AM
190	Pumpkin Ridge Dr	4/18/2016 7:44 AM
191	Troon	4/17/2016 10:15 PM
192	River Meadows	4/17/2016 7:59 PM
193	Huntsville Rd.	4/17/2016 5:09 PM
194	Blue Willow Avenue	4/17/2016 3:09 PM
195	South Sinclair	4/17/2016 2:15 PM
196	E. Milo Way	4/17/2016 12:27 PM
197	Spyglass Hill Dr	4/17/2016 12:19 PM
198	Baldwin Ave.	4/17/2016 12:10 PM

199	Mally Wagon	4/17/2016 10:38 AM
200	Broomsage Drive	4/17/2016 10:16 AM
201	Tally Ho	4/17/2016 10:08 AM
202	Harding Pl	4/17/2016 9:49 AM
203	Pumpkin Ridge Dr	4/17/2016 9:47 AM
204	South regency dr	4/17/2016 9:29 AM
205	Lake Sequoyah Dr.	4/17/2016 8:38 AM
206	1654 river meadows	4/17/2016 8:03 AM
207	Ed Edward	4/17/2016 7:41 AM
208	East Huntsville Road	4/17/2016 6:33 AM
209	S. Tallgrass	4/16/2016 10:46 PM
210	River meadows	4/16/2016 10:12 PM
211	Cherry Hills Drive	4/16/2016 8:35 PM
212	E. Antlers Court	4/16/2016 8:34 PM
213	East Spanish Bay Place	4/16/2016 8:28 PM
214	Milo Way	4/16/2016 7:37 PM
215	S Saint Andrews Circle	4/16/2016 3:21 PM
216	Keen Lane	4/16/2016 2:41 PM
217	Huntsville Road	4/16/2016 2:01 PM
218	tallgrass	4/16/2016 2:01 PM
219	Parkwood Dr	4/16/2016 1:04 PM
220	East Lawndale Drive	4/16/2016 12:39 PM
221	blue willow	4/16/2016 12:19 PM
222	Danita St.	4/16/2016 12:13 PM
223	Lake Sequoyah Dr.	4/16/2016 12:02 PM
224	Pebble Beach Dr.	4/16/2016 11:40 AM
225	Tallgrass	4/16/2016 11:30 AM
226	River Meadows	4/16/2016 11:15 AM
227	Tallgrass Dr	4/16/2016 11:13 AM
228	Cherry Hills Drive	4/16/2016 9:50 AM
229	Lake Sequoyah Drive	4/16/2016 9:42 AM
230	S Sinclair	4/16/2016 9:40 AM
231	River Meadows Drive	4/16/2016 9:35 AM
232	S Pumpkin Ridge Dr	4/16/2016 8:48 AM
233	St. Andrews	4/16/2016 7:56 AM
234	regency drive	4/16/2016 7:46 AM
235	S Harding Pl	4/16/2016 7:41 AM
236	Eastview Drive	4/16/2016 7:38 AM
237	Cherry Hills Drive	4/16/2016 7:27 AM
238	huntsville road	4/16/2016 7:09 AM
239	Lake Sequoyah Dr	4/15/2016 8:44 PM

240	Tallgrass Drive	4/15/2016 8:34 PM
241	E Eastpoint Dr	4/15/2016 8:24 PM
242	Fescue Ct.	4/15/2016 8:06 PM
243	highbush	4/15/2016 7:59 PM
244	Tallgrass Drive	4/15/2016 7:45 PM
245	East Oakmont Dr.	4/15/2016 7:44 PM
246	Oakmont Drive	4/15/2016 7:39 PM
247	Regency	4/15/2016 7:28 PM
248	Mally Wagon	4/15/2016 6:46 PM
249	East Country Ridge Ct.	4/15/2016 6:38 PM
250	Lake Sequoyah Drive	4/15/2016 6:26 PM
251	South Colonial Drive	4/15/2016 6:17 PM
252	East Falcon Drive	4/15/2016 5:40 PM
253	S. Saint Andrews Cir.	4/15/2016 5:38 PM
254	S Doral Drive	4/15/2016 5:26 PM
255	Oakmont	4/15/2016 5:21 PM
256	Country Ridge	4/15/2016 4:41 PM
257	Highbush Ave	4/15/2016 4:25 PM
258	blue Willow ave	4/15/2016 4:24 PM
259	> River Meadows Dr.	4/15/2016 4:15 PM
260	Spyglass Hill Drive	4/15/2016 3:56 PM
261	Parkwood	4/15/2016 3:56 PM
262	Lake Sequoyah Dr.	4/15/2016 3:55 PM
263	Spyglass Hill Drive	4/15/2016 3:51 PM
264	Cherry Hills Dr.	4/15/2016 3:08 PM
265	Huntsville Rd	4/15/2016 2:49 PM
266	Milo Way	4/15/2016 2:48 PM
267	Cherry hills drive	4/15/2016 2:44 PM
268	E Spanish Bay Pl	4/15/2016 2:33 PM
269	river neadows	4/15/2016 2:17 PM
270	Spyglass Hill Dr.	4/15/2016 2:15 PM
271	Regency	4/15/2016 1:49 PM
272	Lake Sequoyah	4/15/2016 1:39 PM
273	Ed Edwards Road	4/15/2016 1:38 PM
274	Broomsage Drive	4/15/2016 1:36 PM
275	Baldwin	4/15/2016 12:55 PM
276	River Meadows	4/15/2016 12:36 PM
277	S Sinclair Ave.	4/15/2016 12:24 PM
278	S PARKWOOD DR	4/15/2016 12:15 PM
279	Sonoma Falls St.	4/15/2016 12:15 PM
280	tallgrass	4/15/2016 12:09 PM

281	E. Danita st	4/15/2016 12:08 PM
282	S. Regency Dr	4/15/2016 12:08 PM
283	Milo Way	4/12/2016 10:51 PM
284	River Bluff Cove	3/19/2016 9:32 AM
285	Pumpkin Ridge Drive	3/12/2016 11:02 PM
286	East Broomsage	3/12/2016 4:02 PM

Q13 If you have any additional comments, please use the space below.

Answered: 201 Skipped: 87

#	Responses	Date
1	I loved it. Could fit all of my recycling in one bin. Less trips to the recycling station.	6/22/2016 5:21 PM
2	Loved it! Was very sad when they came and took the carts away.	6/9/2016 8:34 AM
3	Please bring it back	6/8/2016 9:01 PM
4	bring back the recycling bins .	6/6/2016 8:05 PM
5	I was so sad when we had to give the bin back and return to our regular recycling. I LOVED the single stream recycling program with the ability to recycle many other materials and want it to come back.	6/5/2016 2:38 PM
6	Please go to the larger recycle bins permanently. I recently moved from Springdale where I'm accustomed to having bi-weekly large container collection, and we used the entire bin.	6/4/2016 10:54 PM
7	I hope to see this brought back. It was very convenient and helped us recycle more. We also noticed that our trash can was utilized less.	6/4/2016 5:44 PM
8	Please implement the single stream recycling, it was Awesome!!!! We miss this program.	6/3/2016 7:53 PM
9	I really enjoyed the big blue recycling bin as well as being able to recycle additional items.	6/3/2016 6:23 PM
10	Loved the convenience	6/3/2016 6:02 PM
11	I loved it! Hope it will be back soon!	6/3/2016 5:51 PM
12	I believe I understand the disadvantages to the city; I think more education, to the citizens, about how to avoid contamination, etc., would be helpful. Also, I would be willing to have a small add-on charge, to offset any additional cost.	6/3/2016 3:25 PM
13	Please bring these back!!!!	6/3/2016 12:55 PM
14	We used a system similar to this in Illinois where we are from and feel we definitely helping the Eco system	6/3/2016 11:51 AM
15	Absolutely loved this program! Glad we were able to try it out. PLEASE BRING IT BACK!!	6/3/2016 11:46 AM
16	Please bring them back we LOVED having the larger bin!!!!	6/3/2016 11:29 AM
17	Please bring back the single stream recycling!	6/3/2016 11:05 AM
18	Please, please bring single stream back!	6/3/2016 11:02 AM
19	Please bring the single system back!	6/3/2016 10:58 AM
20	I think that this program should be available everywhere! It was so great to be able to put all of our recyclables in one container. It was very convenient!	6/3/2016 10:41 AM
21	I'm so sad to go back to the bin. My trash has reduced significantly while my recycled tripled. Please bring them back!!!!	5/26/2016 3:38 PM
22	Thank you for selecting me to participate in this pilot program. I encourage the city to move forward adopting the single stream recycling program as I found it to be easier and more efficient to recycle.	5/22/2016 10:29 PM
23	We LOVE the single stream recycling. It's very convenient for two working parents with 2 small kids!	5/21/2016 9:56 AM
24	I loved the additional items that we could recycle. If we want to be effective, we should keep all of these items in our recycling efforts.	5/20/2016 9:47 AM
25	I think the program is great. The ease of recycling in a single, rollable container is very convenient.	5/19/2016 4:48 PM
26	Too bad it is ending. Only annoying thing about this program was recycling larger cartons. On the older bin style, you can just place the bin on top of the carton if it was too big to fit. I really liked how we can recycle more besides #1 and #2 plastic.	5/19/2016 11:33 AM
27	I would absolutely LOVE for this to continue!!!	5/19/2016 11:12 AM

28	This was the best idea that I have seen for recycling. Before, I really didn't recycle because of the containers. Frankly, I found them a real pain in the butt. This changed my whole outlook on recycling, even though I try to think of myself as environmentally literate. I'm older, and this made it very easy.	5/19/2016 9:23 AM
29	Absolutely loved this program. Hope it continues.	5/16/2016 8:25 PM
30	Single stream creates more contamination than it recycles. Bad idea!	5/16/2016 12:27 PM
31	Please keep the blue lid single stream recycling program.	5/15/2016 6:06 PM
32	Please continue this! It's so convenient and easy! All of my neighbors love it, and they all recycle more than they did previously.	5/15/2016 10:38 AM
33	I did not recycle using the bins, but i recycled everything using the single stream program. will not continue to use the bins.	5/15/2016 9:51 AM
34	this was great, and I'm sad that the pilot is ending.	5/14/2016 2:03 PM
35	I especially liked the expanded plastics list with specific numbers.	5/14/2016 11:01 AM
36	I absolutely love the single stream recycling cart. We recycle a lot and often don't have enough room in our two bins meaning some recycle has to be placed in the trash.	5/13/2016 12:03 PM
37	Maybe single stream is not best for every neighborhood but it seemed to work well for residents of Stonebridge Meadows and I spoke to several of them about this.	5/13/2016 10:40 AM
38	We love this system and it encourages us to recycle more, takes up less space in our garage, takes less time out of our day (to separate items the night before pick up) so we can spend it with our family. We will miss the cart until it comes back because we know it should!	5/13/2016 7:58 AM
39	Single Stream Recycling is a great idea for the city of Fayetteville. I highly encourage this method of recycle collection. The impacts of this investment in the short and long term will pay dividends to the residents, community, city and the beautiful state of Arkansas. The Blue Lid program needs to be a highly visible and an active program for the Recycling & Trash Collection Division. Also, make the Blue Lid cans bigger. One last thing, if you have any doubts that this program can be value added, just look at Conway Sanitation Dept in Conway, AR. ((Need to also look at the city's yard waste program!))	5/12/2016 9:49 PM
40	These bins have encouraged recycling throughout our neighborhood and I hope we can continue to use them in the future!	5/12/2016 3:40 PM
41	please strongly consider implementing this blue lid project	5/12/2016 3:34 PM
42	I hope to continue this	5/12/2016 1:49 PM
43	I really hope the city continues and expands this program. The ease got our entire household excited about recycling.	5/12/2016 1:43 PM
44	I loved the program and hope it continues. My only complaint was being unsure about which plastics to run cycle. The program made me more willing to recycle and contribute less trash to the landfill. Excellent idea!! Easy and convenient mine and makes so much such new. Keep up the great work!!	5/12/2016 11:20 AM
45	I hope we get to keep this type of recycling. I liked it very much.	5/12/2016 9:40 AM
46	Really enjoyed the new system. It made recycling much easier.	5/12/2016 7:54 AM
47	I felt like this program was awesome and I hope it is implemented all over Fayetteville. My kids got involved with recycling too.	5/11/2016 6:57 PM
48	Please don't take my cart away!!! I LOVE it!!!	5/11/2016 4:21 PM
49	Please please please bring this back! I loved being able to recycle more plastic container and not having to worry about sorting things out. We LOVED it!	5/11/2016 3:58 PM
50	PLEASE KEEP THIS!!!!	5/11/2016 2:18 PM
51	We want to keep our new blue lid cans. they are so much better than the green bins	5/11/2016 1:52 PM
52	Please continue this! My volume of trash decreased. It made recycling so much easier and I was able to recycle so much more. I dont look forward to returning to splitting up my recyclables between three bins and toting them back and forth from garage to curb.	5/11/2016 10:31 AM
53	Please don't end the program, it was great!	5/11/2016 10:15 AM
54	We do not want to go back to using bins!	5/11/2016 10:01 AM

55	I previously used this system in another city for years and was extremely disappointed when I moved to Fayetteville. Our household garbage would be the size of a Wal-Mart bag while the recycle bin was full. Before this program we had a large trash bin that was full of 13 gallon bags of trash. I hope Fayetteville continues with this program as it is in line with the 80% reduction goal the city has set.	5/11/2016 9:54 AM
56	As a resident participant in the pilot recycling program, I want to commend the city's recycling services. I think this is an excellent program with a positive impact. We, as citizens, need to be more informed of what to recycle and develop better habits which will pay off for everyone in the long run. I hope the city can implement the program. I do not want to return to the small bin! As the pilot program progressed, I noticed I filled the large bin up more and more. Surely, this would make a difference and help reach goals of healthier environment and waste reduction. Thanks to all for their efforts.	5/10/2016 9:37 PM
57	I want single stream recycling to continue. The 18 gallon bins are heavy to carry, the lids end up down the street, and are a chore to move back to the garage. The wheeled blue lid cart was easy to roll out and back, plus had the added advantage of being able to recycle more items.	5/10/2016 8:51 PM
58	please don't take my cart away I love it!	5/10/2016 8:14 PM
59	We LOVED the single stream recycling We hope to see this as a permanent thing in Fay. Have never recycled more than we did with the pilot program. 5 stars!	5/10/2016 7:45 PM
60	I would love to see this single stream implemented right away ! Most helpful and lot less actual trash accumulation .	5/10/2016 7:33 PM
61	My household is disappointed to lose our single stream recycle bin. We have reduced our trash by half just by using the new recycle bin. We hope that you will bring the bin back soon and make the single stream recycle permanent.	5/10/2016 6:14 PM
62	Please keep this program! It is amazing and helps the environment!	5/10/2016 6:09 PM
63	Please keep this program!!!	5/10/2016 5:15 PM
64	Thanks for letting us participate. Please bring it back to our neighborhood. Thx.	5/10/2016 4:36 PM
65	Would like assurances that all materials are being recycled.	5/10/2016 4:12 PM
66	Please allow us to keep the rolling carts and continue recycling this way!	5/10/2016 3:49 PM
67	So many other cities have been using this method for years, great to be able to use and educate on ways to keep landfill down.	5/10/2016 3:21 PM
68	We love the blue lid carts! Please don't take ours away!	5/10/2016 3:19 PM
69	Loved it!!! Please don't take my cart!!!! :)	5/10/2016 3:06 PM
70	This program was amazing, and after talking with my neighbors they all feel the same way. I noticed so many more people with the recycle bins out than with the other smaller bins. The amount of trash in my regular trash can was significantly decreased because I caught myself recycling so many things I never thought of recycling before. Please keep this program!	5/10/2016 2:24 PM
71	I just hope that people did not put trash in and ruin the whole thing. I worry that the pick-up not being seen by humans will cause more people to put non-recyclables in. I really want to be able to recycle everything that can be recycled, but I do not want to be producing the wrong kind of waste or having the recyclables be contaminated by trash.	5/10/2016 2:24 PM
72	We like the new cart.	5/10/2016 2:20 PM
73	Please, please, please continue to provide the single stream recycling or at least allow us to recycle all of the plastics we were able to recycle during the test. I HATE throwing all that plastic away!!	5/10/2016 2:18 PM
74	Very sad to have to return to the old system	5/10/2016 1:57 PM
75	So sad to see the large cart go - we recycled so much more with it! The small bins seem like such a pain to go back to.	5/10/2016 1:57 PM
76	Worked very well. Hate to see it stopped.	5/10/2016 12:39 PM
77	Love it, don't want it to end	5/9/2016 7:19 PM
78	If necessary, I would pay more for collection.	5/9/2016 6:40 PM
79	Great idea. Hopefully it will work for the city.	5/9/2016 6:33 PM
80	I have done more recycling and I am sure others have too.	5/9/2016 5:50 PM
81	Only disadvantage to me, the cart took up so much more space in garage. It was easier to get to curb. The old bin gets kinda heavy I liked being part of the single steam program. Thanks	5/9/2016 5:13 PM

82	Love it, love it, love it!!!!!!!	5/9/2016 5:01 PM
83	please let us keep them :)	5/9/2016 4:12 PM
84	please bring back single stream.....do not like small tub approach	5/9/2016 4:10 PM
85	I loved using the big cart to recycle. I truly dread using the small bins. So much more stuff can be recycled instead of throwing them in the trash	5/9/2016 4:08 PM
86	Plus: larger bin holds bulky boxes & cardboard. Minus: Have concern about contamination & loss	5/9/2016 4:06 PM
87	I liked the program. I believe it would be most beneficial it were to continue.	5/9/2016 3:59 PM
88	Really liked rolling the container and the convenience of everything going into one container.	5/9/2016 3:15 PM
89	Great program. Please continue it!	5/9/2016 3:14 PM
90	No rejected recyclables left in my yard or on the road with this program. It's frustrating to try to recycle conscientiously and then come home to find yard trashed.	5/9/2016 3:08 PM
91	Please continue this program. I HATE separating the recyclables. I would rather pay a little more each month than have to separate.	5/9/2016 2:15 PM
92	Please continue with this.	5/9/2016 2:07 PM
93	I hope that the city of Fayetteville adopts this program permanently for everyone.	5/9/2016 11:25 AM
94	Loved it! Wish it wouldn't stop.	5/7/2016 6:31 PM
95	I understand that people are putting trash items in which defeats the purpose of this method. I hope that does not kill the program entirely. I love this opportunity and hope it continues if it truly further reduces the amount of trash going into landfills.	5/7/2016 5:08 AM
96	I absolutely LOVE the program! A great program everyone should be apart of.	5/5/2016 4:44 PM
97	I really like single stream and I certainly hope it becomes a continued program for Fayetteville.	5/3/2016 9:59 AM
98	Let us keep doing single stream!!!	4/29/2016 7:09 PM
99	I love this program and hope it continues.	4/29/2016 8:02 AM
100	I do miss the early morning sounds of a diesel engine idling, idling, idling away as the bottles and cans crash against the steel sides of the truck. Well OK maybe not.	4/28/2016 11:48 AM
101	I am so excited for fayetteville to join in the big city approach to recycling. I think this will GREATLY reduce landfill and also make it easier for folks to recycle which i think will encourage more recycling... and the green arrows will keep turning.!!! Yah Fayetteville	4/27/2016 4:27 PM
102	Thank you.	4/27/2016 12:43 PM
103	I have honestly loved the program and will be sad to see it go.	4/25/2016 11:39 PM
104	Like to see more items to recycle	4/25/2016 9:21 PM
105	I love the streamline recycling. I am able to recycle more and have seen a large decrease in trash waste. I am looking forward to this hopefully continuing and improving our city.	4/25/2016 1:10 PM
106	really hope this program comes back around	4/25/2016 8:20 AM
107	We love, love, love the program! Please don't stop!	4/24/2016 10:06 PM
108	I love the ease of use with the carted single stream recycling program. I also love that I can just toss everything in including more plastic numbers.	4/24/2016 5:51 PM
109	Single stream recycling definitely needs to be made permanent and city wide. It will entice many people who don't normally recycle to start recycling.	4/24/2016 2:26 PM
110	Please keep this program!!!	4/23/2016 4:35 PM
111	LOVE THESE BINS!	4/23/2016 8:32 AM
112	As noted about, we would like to see directions on how to recycle products that have more than one recyclable component. Also, we would like direction on how to handle plastics with no recyclable designations. Other than that, we love the program and want to see it continue.	4/22/2016 5:40 PM
113	I hope that this program continues. Love recycling the extra plastics. Would love to see the ability to recycle plastic bags and styrofoam in the future.	4/22/2016 12:29 PM

114	More info on #3-7 plastics would be helpful. For example, is styrofoam accepted?	4/22/2016 9:20 AM
115	I do like being able to place all items together and not worry about sorting. We are not filling the can.. so they could be smaller, but then maybe that would not allow the trucks to pick them up. I like that the items are not thrown into truck separately.. we always heard glass breaking and there would be items left in the road and blowing around into peoples yards with the previous green box system. I would really like to continue with the new system.	4/22/2016 8:56 AM
116	This is awesome. Please don't take it away.	4/21/2016 4:54 PM
117	I LOVE the single stream recycling. Its so much easier to put everything in one bin instead of having to sort myself then having to have the recycling truck come back and sort even further. It's so much easier to get it to the curb, I can roll it out the morning of and not have to worry about trying to sort stuff before taking it out. I'm already dreading going back to the old way to do it and hope this program sticks around!	4/21/2016 4:53 PM
118	I bought a trashcan for the house for recycling only. Now, all I do is dump it into the cart and move on. Made it easier.	4/21/2016 10:23 AM
119	Single stream recycling helps in that you don't have to wait till the small bin gets full before you dump it, therefore, it's not as heavy to lift. Also saves a trip to Happy Hollow to recycle newspapers in bulk. I really hope we get to continue this mode of recycling. I'm all for keeping it out of the landfills.	4/20/2016 7:33 PM
120	This would be a good thing for Fayetteville.	4/20/2016 4:01 PM
121	I would like a list of items I can't recycle. What type of plastics for example.	4/20/2016 1:48 PM
122	Cannot stack cardboard boxes under either container due to uneven rocky driveway and windy conditions. Would like once a year pick-up of defective and large appliances, and other unrecalible items in regular carts.	4/20/2016 12:56 PM
123	PLEASE KEEP THIS PROGRAM!!!!	4/20/2016 12:19 PM
124	We like this program. We're using the trash less.	4/20/2016 11:42 AM
125	Love the program. Hope it stays around	4/20/2016 10:51 AM
126	We hope the program continues.	4/20/2016 8:59 AM
127	I think this is a fantastic service and I hope it continues. Thanks for the opportunity to be involved!	4/19/2016 5:01 PM
128	Please make this pilot program into reality in Fayetteville. The time is now to recycle and this makes it easier on everyone. Plus we are able to recycle so much more plastic. City of Fayetteville-This is a no brainier!!!	4/19/2016 10:45 AM
129	it should be optional like a flyer in the water bill asking if u want it or not BEFORE purchasing the bins. they can be purchased as more people hopefully see them and want to participate. i love it! hope eveyone does!	4/19/2016 10:03 AM
130	Loved it, I want to keep the larger bin!	4/19/2016 6:30 AM
131	Would love to see this implemented	4/18/2016 11:53 AM
132	Love it!!	4/18/2016 9:39 AM
133	I am not a huger fan of the extra large can but the benefits FAR outweigh the storage of the can. I hope you continue the use of this program and I hope the rest of the city is able to participate. GREAT JOB!!	4/18/2016 9:02 AM
134	Single stream is much easier than the bins. However, I would not be in favor of continuing the program if the cost outweighed the benefits.	4/18/2016 8:55 AM
135	I think with the size of the wheeled cart, the city could save money by picking up the recycling on only even weeks.	4/18/2016 8:49 AM
136	I think it is a wonderful program and I think the city should make it the permanent means for recycling.	4/18/2016 7:44 AM
137	I still don't really understand how the recycleables are separated. I love the convenience, but it confuses me.	4/17/2016 7:59 PM
138	I really like having a larger recycling cart, but these are too large. Ideal size would be the size of the smaller trash bins.	4/17/2016 3:09 PM
139	I think this is a wonderful program with many more benefits than the usual recycle bins.	4/17/2016 2:15 PM
140	I hope this will be put into effect city wide SOON	4/17/2016 12:27 PM
141	Please continue this process much more convenient and I notice more neighbors participating.	4/17/2016 12:19 PM
142	Absolutely love this idea!! It works so well. I love being able to recycle all the necessary items. With the big trash bin having the lid, it keeps all of my paper and plastic and cardboard from flying everywhere! I love this so so so much.	4/17/2016 12:10 PM
143	We love the new stream line process!!! Hope it stays!!!	4/17/2016 10:38 AM
144	Having identical trash/recycling bins is beneficial. I hope the city chooses to implement this city wide.	4/17/2016 10:16 AM

145	It will be difficult to go back to the bins after using the carts. So handy and if my husband thinks of stuff to recycle....it's a success!	4/17/2016 10:08 AM
146	I love this new program	4/17/2016 9:29 AM
147	Should have varying size containers so household could select based on their size.	4/17/2016 8:03 AM
148	We were recycling before by taking our things to the recycling center. We did not mind doing that if it kept the collection cleaner. We didn't recycle here before because we did not ever go get the little green bins. They seemed too small for all we recycle. We moved here from Bentonville, so we were familiar with the single stream. I think people should have a choice because some people are really against the single stream because of cross contamination. We are careful what we put in, but I can't promise that others are. It is also difficult to believe the the city can't make money on sorted recycling in when Bella Vista does, but the two cities have different demographics and volunteers to run their recycling center. For us, we will continue recycling no matter what the city decides.	4/17/2016 6:33 AM
149	Love this.	4/16/2016 10:46 PM
150	It is amazing how much our general trash has been reduced. We have the largest bin. We used to almost always fill it. Now it is a little as a third. We also recycled before but this is so much better and easier.	4/16/2016 8:35 PM
151	i hope that Fayetteville moves to this program. It is easier to use, and provides effective recycling of plastics 3-7. thank you for this trial.	4/16/2016 8:34 PM
152	I am curious to know if the sorting of the materials is time consuming for the employees once the trucks deliver the recycled items.	4/16/2016 7:37 PM
153	How can paper and rinsed containers be in same bin with this program when we had to have two separate bins before?	4/16/2016 3:21 PM
154	Love the fact that my regular trash has diminished by about 2/3!	4/16/2016 2:41 PM
155	I loved this! Please keep doing it. So much easier to roll the cart rather than carry the bins. Felt like I could fit much more in the cart than previously with the bins. Bin lids over time would break and crack. The carts are so stable and make it easy to recycle.	4/16/2016 1:04 PM
156	We love single stream recycling! It's going to be weird going back to the old way of recycling. I don't see how single stream recycling could be a bad thing. It's easier for the community as a whole because the collectors don't have sort through it and you don't have to put much thought into what you're recycling! I know before I lived in this house, they didn't recycle because they said it seemed like "too much work." We haven't had to put our trash can out as often because a majority of the "trash" was able to be recycled through the single stream recycling program. Please bring it back for good to Fayetteville!!!	4/16/2016 12:39 PM
157	I loved the new recycle bin. It makes it more encouraging to recycle and more can be put in their. Now I recycle all my water bottles as before with the green bins I had to choose what I recycled because not everything would fit, Plus the neighborhood benefits because cardboard can be put in the bins and not blown everywhere. Also I know many peoples lids that got ran over and wouldn't fit anymore with the green bins. The blue lid is the way to go I believe! If we use the big green trash cans why not do the same with the blue lid instead of bins? Recycling is so important to our world and it encourages me to put more I their and fill it up not like before because of the limited space with the green bins.	4/16/2016 12:19 PM
158	It's a great service to the community! Please keep it going.	4/16/2016 12:13 PM
159	The idea of roadside sorting in harsh conditions is absurd.	4/16/2016 12:02 PM
160	Yes. I come from a city that used same system and I'm glad you decided to try it. I hope it becomes permanent.	4/16/2016 11:40 AM
161	I really like being able to throw all of my recyclables into one bin and not worry about sorting. Makes recycling much easier and also my family has started helping more.	4/16/2016 11:30 AM
162	I would like to see the numbers on this program and how they may impact my future billing.	4/16/2016 11:13 AM
163	LOVE IT! Please keep it. Saves me time with putting all in one container and not having to look for the number on the plastics.	4/16/2016 9:42 AM
164	I hope the City makes the decision to provide citizens with single stream recycling. More people will recycle more trash because it is acceptable and easy.	4/16/2016 9:40 AM
165	Program should be permanent and offered city-wide	4/16/2016 8:48 AM
166	really enjoy the fact that we aren't listening to the recyclables being sorted curbside at 5 am. allows the carts to be set out the morning of pickup in lieu of the night before so that the overnight weather doesn't blow the bins around and get all the paper wet. so much more convenient. only one question: will it cost us more than the old bin system? thanks.	4/16/2016 7:46 AM

167	Please don't take it away. This is a really nice way and I cannot stand those little bins.	4/16/2016 7:41 AM
168	One of the best things about Fayetteville is the commitment to recycling. Making it as easy as possible ensures all citizens will participate. I think this works toward that goal both by increasing the number of recyclables included and making the delivery to curbside easier (especially for the elderly).	4/16/2016 7:38 AM
169	We love it & are recycling more items than before. Keep it going!	4/16/2016 7:27 AM
170	I love it! I really like not having to separate everything.	4/15/2016 8:34 PM
171	Outstanding program would love to keep it.	4/15/2016 7:45 PM
172	We are familiar with the program from previous participation in a larger metro area (Minneapolis - St. Paul). Keep it rolling.	4/15/2016 7:44 PM
173	Please continue! I love to recycle all of the plastics. My garbage is much smaller now. It is so easy. If we can no longer recycle all plastics in our trash, could we at least have somewhere to take them?	4/15/2016 7:39 PM
174	I found that the larger bin is easier and more convenient to recycle. The smaller tubs are very limited to how much you can put in there. It is also more convenient that it rolls to the curb instead of carrying it. I hope that this program gets adopted and stays.	4/15/2016 7:28 PM
175	We want to recycle as much as possible. I think the carts will encourage people to recycle more.	4/15/2016 6:46 PM
176	I have less trash now, and more recyclables now	4/15/2016 6:38 PM
177	My coworker said he'd like to see it in his neighborhood in Fayetteville, and my neighbor actually put it out more often than he put the usual recycle containers out.	4/15/2016 6:26 PM
178	This single stream program actually got my household to work at recycling, where before it was more miss than hit.	4/15/2016 6:17 PM
179	This has been so great! So much easier, especially for the elderly. I really hope we can continue to use the carts.	4/15/2016 5:40 PM
180	We were very excited to be a part of this program! We moved up here from the DFW Texas area last year, where we had been doing the single stream recycling for many years. I feel like it really encourages folks to recycle even more so than with the green bins, as everything can be placed in one container.	4/15/2016 5:26 PM
181	This is an incredible program and should be adopted throughout our city. It has increased our consciousness about recycling and reduced our trash.	4/15/2016 4:25 PM
182	Please keep this program	4/15/2016 4:24 PM
183	I am pleased that the city of Fayetteville is forward thinking and taking the necessary steps to reduce the amount of garbage in the landfill. I hope this program is going to expand.	4/15/2016 3:56 PM
184	This program is easy to follow. It makes me feel good that I am doing something for my city.	4/15/2016 3:51 PM
185	Great program... I like it, and I have heard other positive comments from neighbors. I hope they all take the time to respond to this survey.	4/15/2016 3:08 PM
186	The cart I received lid does not fit properly and wind will blow it open. I have to keep paper and cardboard inside till it's time for pick up,	4/15/2016 2:49 PM
187	Wind still blows the cart over. Trash goes all over street when this happens. We need a tighter lid and weight on bottom.	4/15/2016 2:48 PM
188	I just think it's a great idea	4/15/2016 2:44 PM
189	Love it....please continue!	4/15/2016 2:33 PM
190	Single stream is pretty easy	4/15/2016 2:17 PM
191	Fayetteville is the first city I've lived in that didn't already offer this service. I found the bin system absurd.	4/15/2016 1:49 PM
192	Free hat	4/15/2016 1:39 PM
193	I really like it. I don't want to go back to the green tub! Thanks!	4/15/2016 1:38 PM
194	Awesome program!!	4/15/2016 12:55 PM
195	I loved the single stream recycling. & so did my wife. We thought it was awesome	4/15/2016 12:36 PM
196	I like it a lot. I really don't want to give it up. How can I help?	4/15/2016 12:15 PM
197	We hope you continue this program, I think it will encourage more people in the city to participate in recycling.	4/15/2016 12:08 PM

198	Please keep this service. My regular trash can volume has decreased considerably and my recycling has increased enormously. I love this program!!	4/12/2016 10:51 PM
199	We have loved the single stream recycling program! We are looking forward to this becoming standard for all of Fayetteville.	3/12/2016 11:02 PM
200	Please keep this service going for our household. I can see the larger size saving labor on the collection process. Additionally, the larger bins allow for consumers to recycle more, rather than throw overflow into trash. I believe single stream eliminates barriers to not recycling and will result in less being thrown in the landfill. I LOVE this program and am willing pay additional costs (within reason) to keep this project going. Fayetteville stands out as a leader of recycling policies and programs for the state. I appreciate our local leaders pushing for recycling goals and will do my support them in this effort... When does this project end? Thanks again!	3/12/2016 4:02 PM
201	Please don't end the program. Love it.	2/14/2016 2:06 PM

THE REMAINING PAGES OF THE SURVEY HAVE BEEN REDACTED TO ENSURE THE PRIVACY OF THE 163 PARTICIPANTS THAT PROVIDED EMAIL ADDRESSES TO THE CITY FOR FUTURE RECYCLING PROGRAM UPDATES.

ATTACHMENT E – MULTI-FAMILY RESIDENTIAL PILOT DATA FOR MANUAL FLOOR SORT

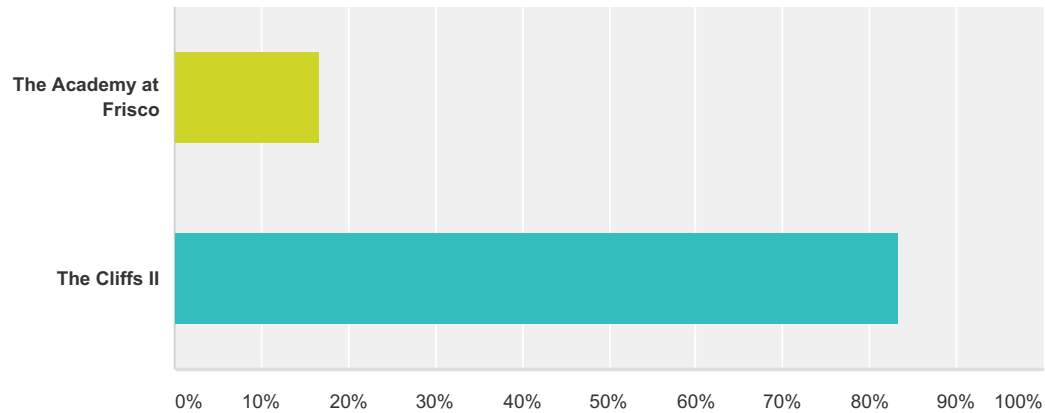
Material	5-Apr	12-Apr	19-Apr	26-Apr	3-May	10-May	17-May	24-May	31-May	7-Jun	14-Jun	21-Jun	Total	Percent
Cardboard	488	392	251	346	523	313	898	399	468	329	478	251	5,136	29.5%
Newspaper	178	118	0	235	0	0	249	281	0	0	0	0	1,061	6.1%
Mixed Paper	319	194	156	221	269	244	776	258	282	283	691	180	3,873	22.2%
#1 PET Bottles	46	52	38	47	64	44	88	51	59	25	79	60	653	3.8%
#2 HDPE Bottles	36	24	34	17	38	21	42	25	48	27	41	40	393	2.3%
Plastics #3-#7	0	6	9	18	63	13	86	30	41	13	43	0	322	1.8%
Aluminum Cans	23	12	0	27	17	12	38	16	23	7	28	13	216	1.2%
Steel Cans	25	18	10	12	31	6	33	22	13	10	20	15	215	1.2%
Scrap Metal	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
Mixed Glass	132	150	138	143	242	99	408	188	139	91	369	147	2,246	12.9%
Total Recovered	1,247	966	636	1,066	1,247	752	2,618	1,270	1,073	785	1,749	706	14,115	81.1%
Residue	133	244	64	54	596	128	862	210	247	115	511	134	3,298	18.9%
Total Processed	1,380	1,210	700	1,120	1,843	880	3,480	1,480	1,320	900	2,260	840	17,413	100.0%

Note: Column may not appear to calculate correctly due to rounding.

ATTACHMENT F – MULTI-FAMILY SURVEY RESULTS

Q1 In which complex do you currently live?

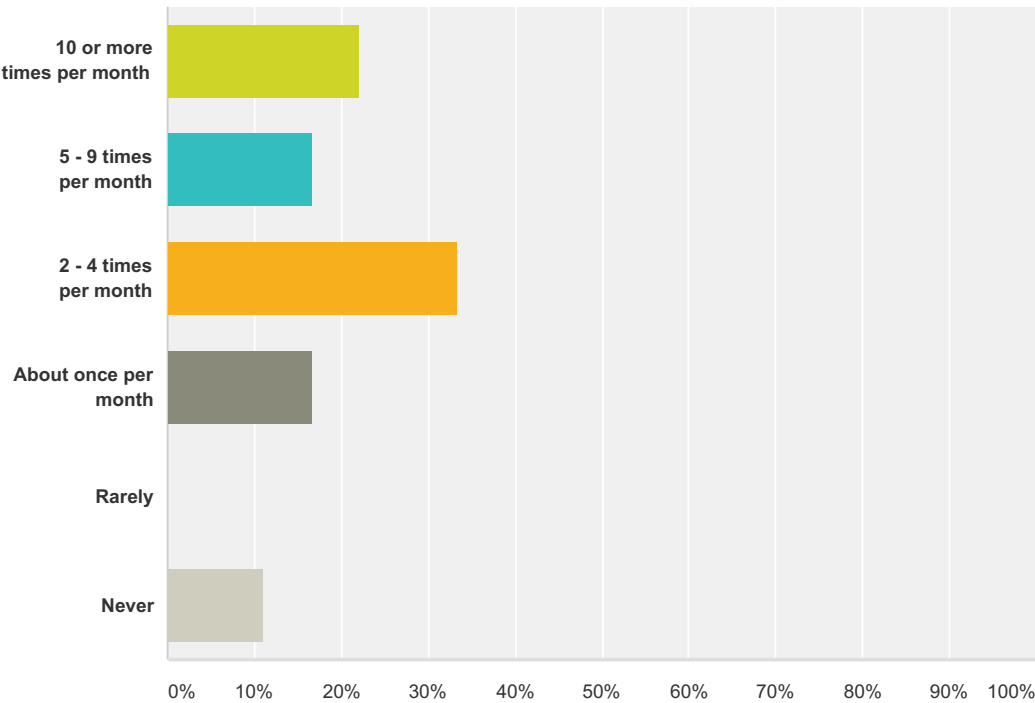
Answered: 18 Skipped: 0



Answer Choices	Responses
The Academy at Frisco	16.67%3
The Cliffs II	83.33%15
Total	18

Q2 Prior to the pilot program, how often did you actively recycle?

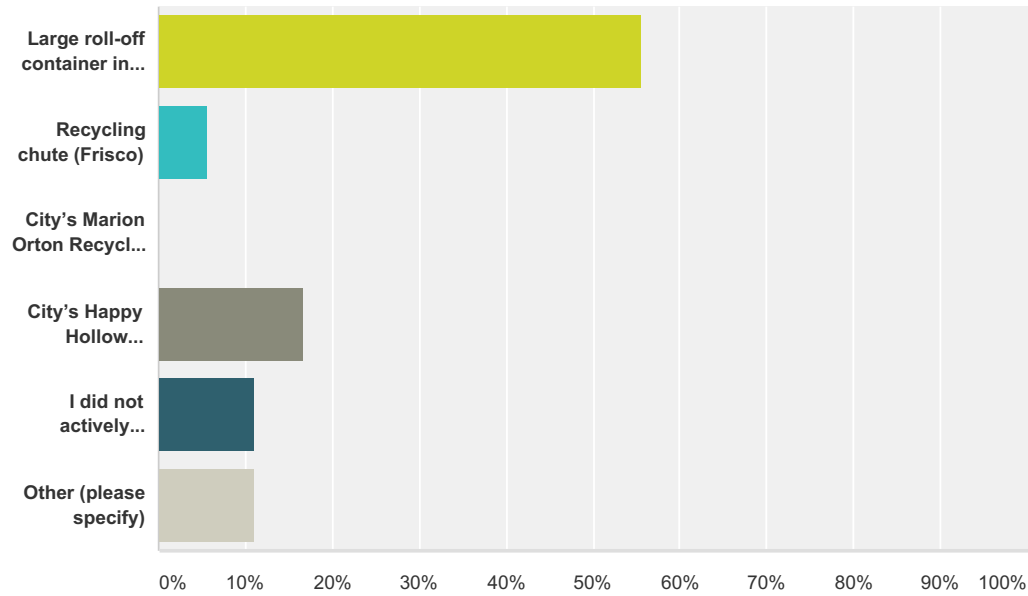
Answered: 18 Skipped: 0



Answer Choices	Responses	
10 or more times per month	22.22%	4
5 - 9 times per month	16.67%	3
2 - 4 times per month	33.33%	6
About once per month	16.67%	3
Rarely	0.00%	0
Never	11.11%	2
Total		18

Q3 If you previously recycled, where did you take your recyclables?

Answered: 18 Skipped: 0

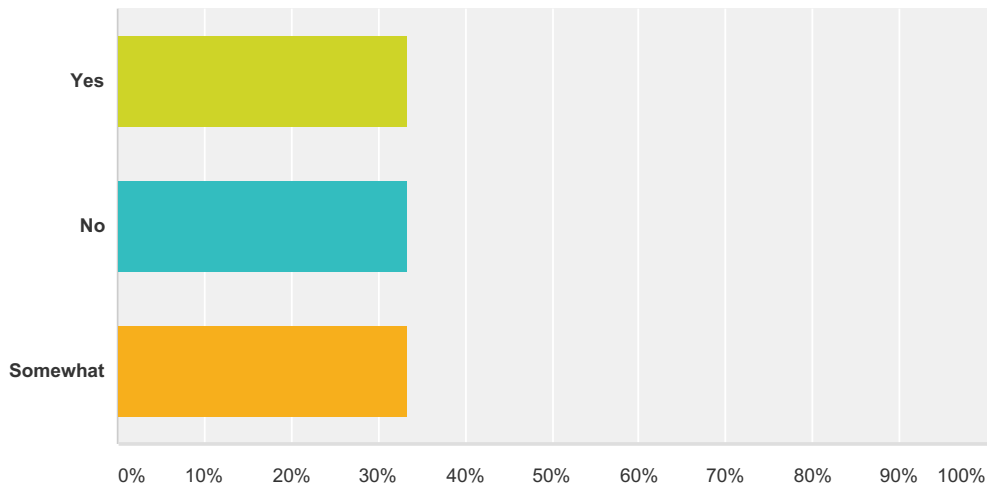


Answer Choices		Responses	
Large roll-off container in the parking lot (Cliffs II parking lot)		55.56%	10
Recycling chute (Frisco)		5.56%	1
City's Marion Orton Recycling Center (735 W. North Street)		0.00%	0
City's Happy Hollow Recycling Center (1420 S. Happy Hollow Road)		16.67%	3
I did not actively recycle		11.11%	2
Other (please specify)		11.11%	2
Total			18

#	Other (please specify)	Date
1	Before this pilot program I recycled in both Fayetteville Recycling Centers depending on where I was in Fayetteville at the time. I loved having the the large container in the parking lot though.	6/24/2016 7:10 PM
2	Grocery store	2/19/2016 10:52 AM

Q4 Prior to the pilot program, did you know what single stream recycling was?

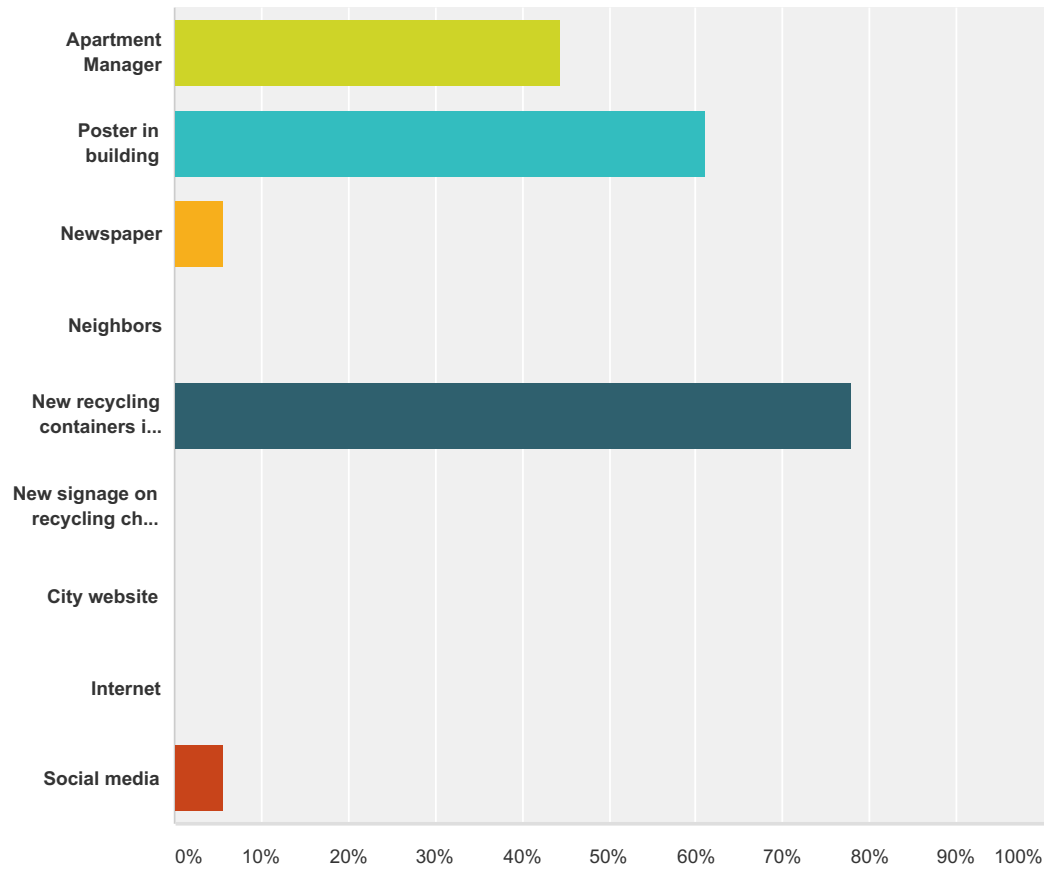
Answered: 18 Skipped: 0



Answer Choices	Responses	
Yes	33.33%	6
No	33.33%	6
Somewhat	33.33%	6
Total		18

Q5 How did you learn that you would be part of the pilot program? (select all that apply)

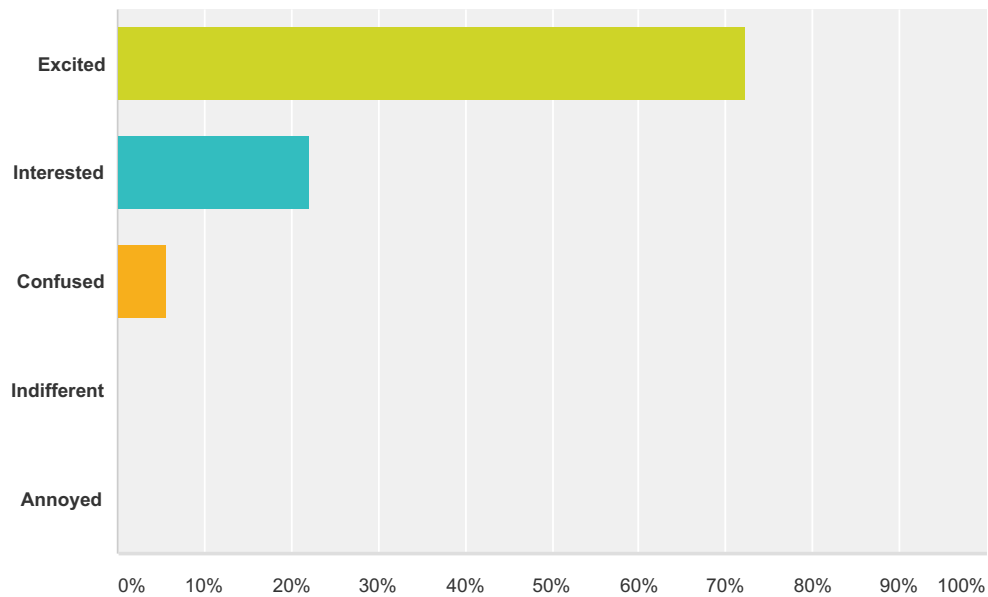
Answered: 18 Skipped: 0



Answer Choices	Responses	
Apartment Manager	44.44%	8
Poster in building	61.11%	11
Newspaper	5.56%	1
Neighbors	0.00%	0
New recycling containers in parking lot (Cliffs II)	77.78%	14
New signage on recycling chute (Academy at Frisco)	0.00%	0
City website	0.00%	0
Internet	0.00%	0
Social media	5.56%	1
Total Respondents: 18		

Q6 What was your first impression of single stream recycling when you heard that your complex was selected for participation in the pilot study?

Answered: 18 Skipped: 0

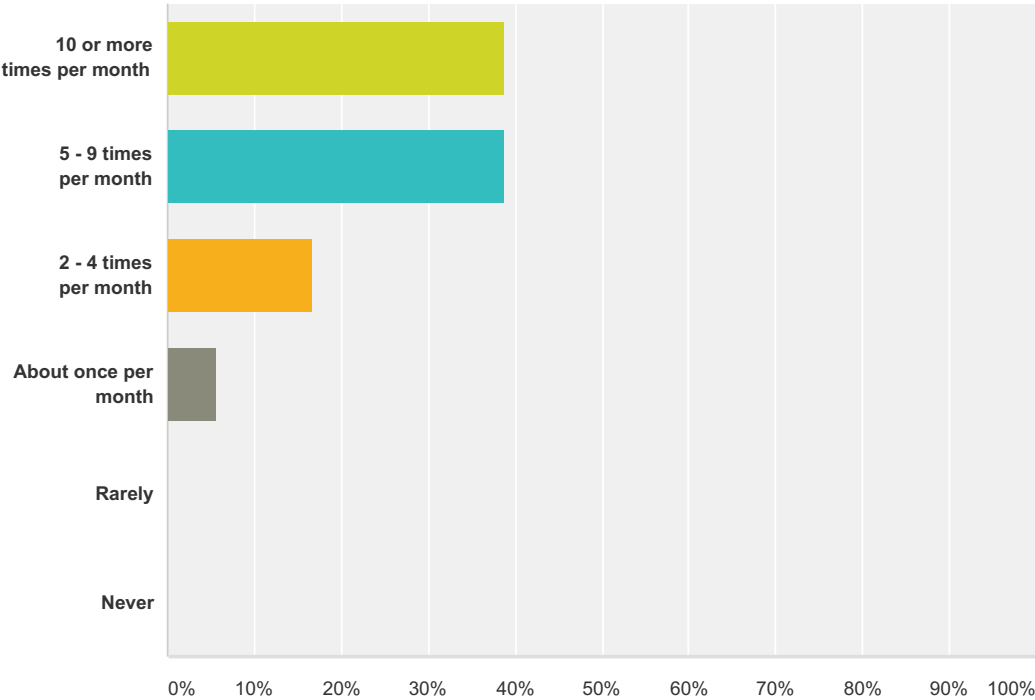


Answer Choices	Responses
Excited	72.22% 13
Interested	22.22% 4
Confused	5.56% 1
Indifferent	0.00% 0
Annoyed	0.00% 0
Total	18

#	Optional comments	Date
1	Why not sooner and standard practice.	6/26/2016 10:57 AM
2	I loved the program! I really hope the program stays. I think it is great for the environment and for Fayetteville. I hope that the program expands to include all apartments in Fayetteville.	6/24/2016 7:10 PM
3	I actually live at Cliffs 1, the adjacent complex, but I have been taking my recycling to the large roll-off container in Cliffs 2. The new, smaller recycling containers are much more convenient for me, as well. I can recycle more often, and also recycle things I was previously unable to recycle.	5/18/2016 10:53 AM
4	was wondering about why single container, if city had the ability to recycle 1-7 on plastics	5/14/2016 3:32 PM
5	It makes it much easier! It really encouraged me to really think about what I could recycle.	5/9/2016 3:54 PM

Q7 During the pilot program, how often did you actively recycle?

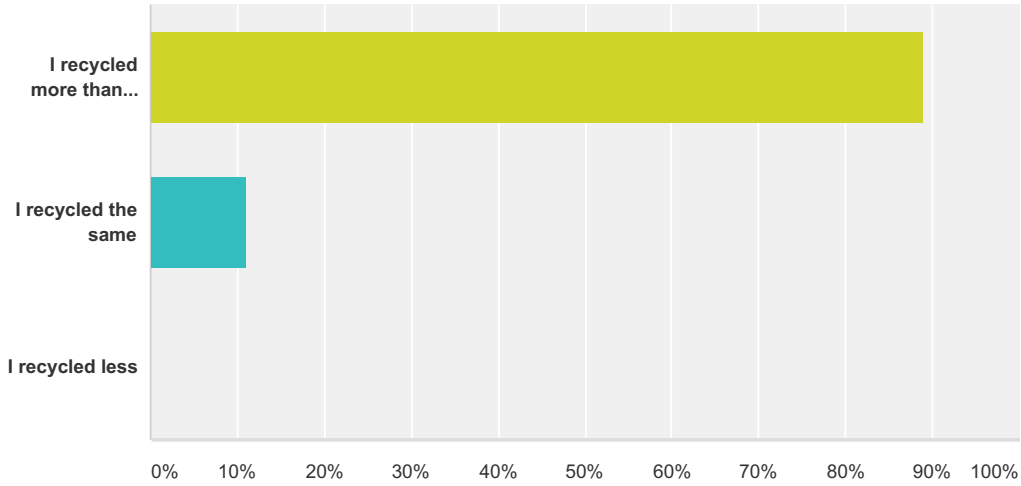
Answered: 18 Skipped: 0



Answer Choices	Responses	
10 or more times per month	38.89%	7
5 - 9 times per month	38.89%	7
2 - 4 times per month	16.67%	3
About once per month	5.56%	1
Rarely	0.00%	0
Never	0.00%	0
Total	18	

Q8 Regarding the quantity of materials you recycled during the pilot, did your recycling habits change?

Answered: 18 Skipped: 0

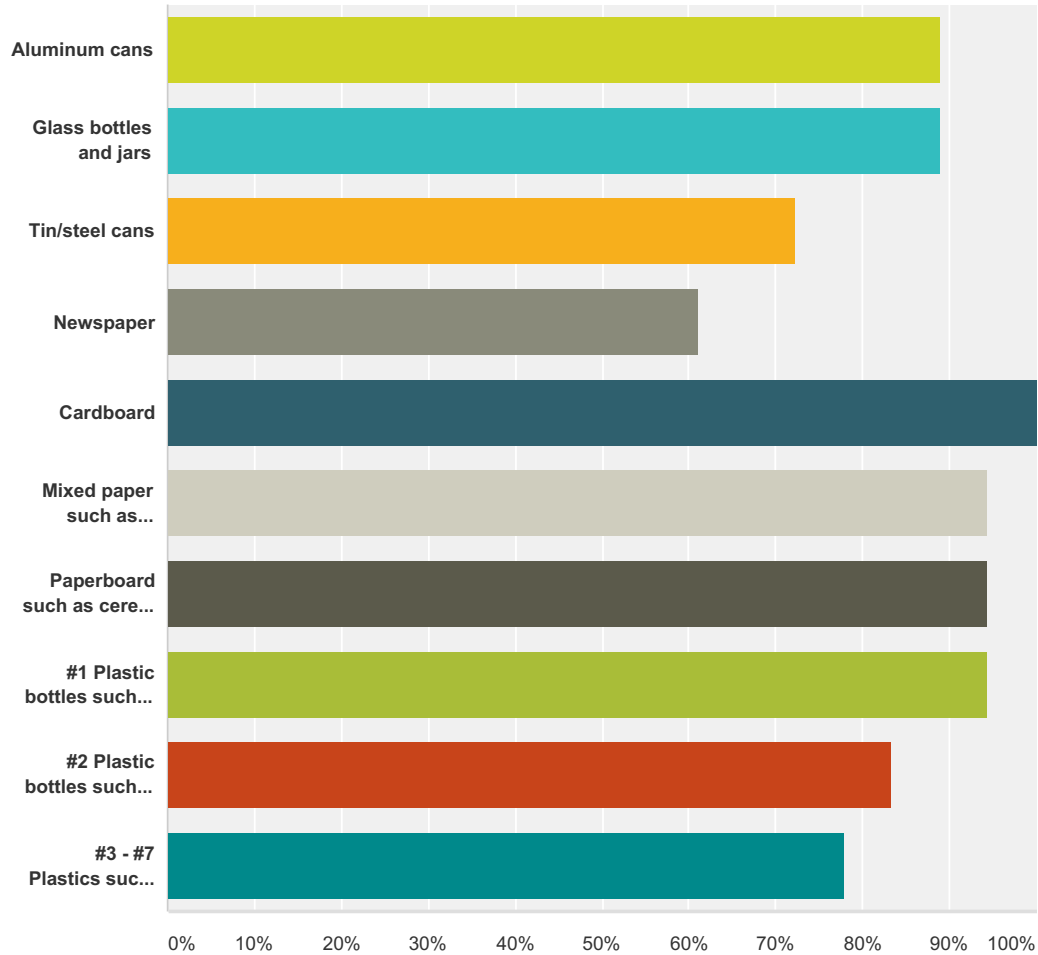


Answer Choices	Responses
I recycled more than previously	88.89%16
I recycled the same	11.11%2
I recycled less	0.00%0
Total	18

#	Optional comments	Date
1	With the new recycling containers now taking more plastics and glass, we were able to recycle more than previously, out of convenience.	6/23/2016 7:11 PM
2	The single stream bins allow me to recycle glass, and many types of plastics	5/22/2016 11:54 AM
3	now I can recycle all my plastics & my glass here	5/14/2016 3:32 PM

Q9 During the pilot program, what types of materials did you recycle? (select all that apply)

Answered: 18 Skipped: 0

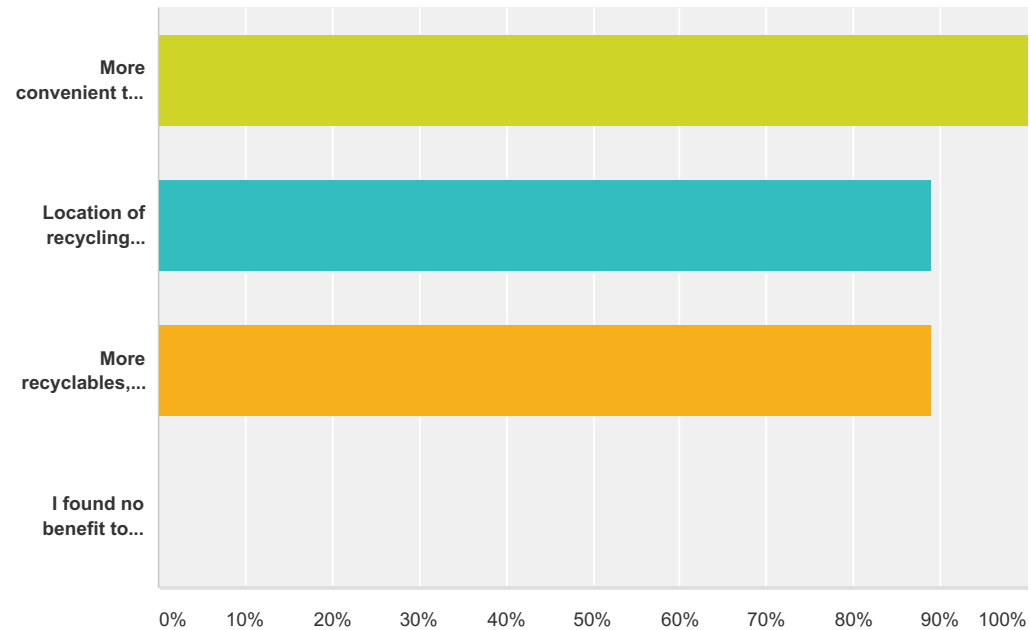


Answer Choices	Responses
Aluminum cans	88.89% 16
Glass bottles and jars	88.89% 16
Tin/steel cans	72.22% 13
Newspaper	61.11% 11
Cardboard	100.00% 18
Mixed paper such as magazines, junk mail, printer paper, and phone books	94.44% 17
Paperboard such as cereal boxes and shoe boxes	94.44% 17
#1 Plastic bottles such as water bottles and 2-liter soda bottles	94.44% 17
#2 Plastic bottles such as 1-gallon milk/water jugs and detergent bottles	83.33% 15
#3 - #7 Plastics such as pill bottles, yogurt/plastic cups, and tubs/lids	77.78% 14

Total Respondents: 18	
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Q10 After participating in the pilot program, do you see any benefits of the program?
(select all that apply)

Answered: 18 Skipped: 0

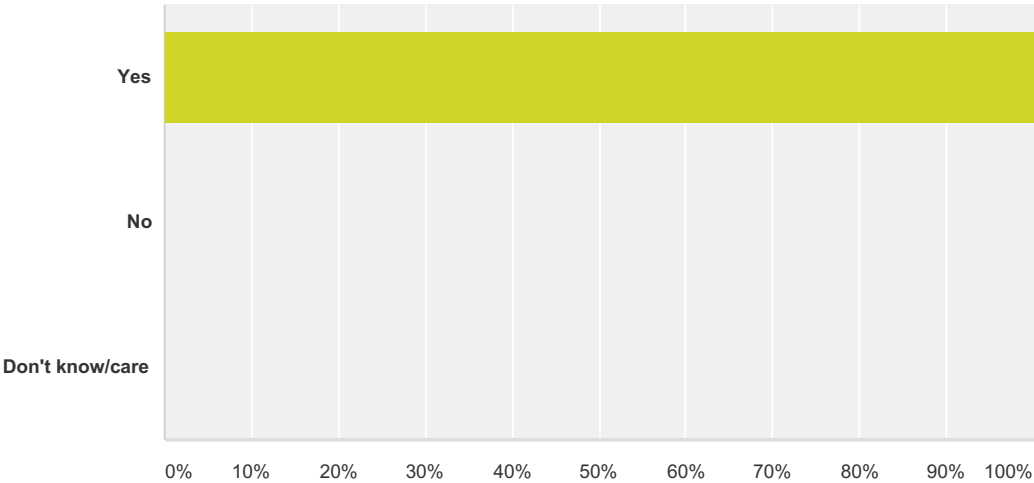


Answer Choices	Responses	
More convenient to commingle recyclables instead of sorting them by type	100.00%	18
Location of recycling containers/recycling chute more convenient	88.89%	16
More recyclables, I like recycling the additional plastics	88.89%	16
I found no benefit to single stream	0.00%	0
Total Respondents: 18		

#	Optional comments	Date
1	The other plastics are SO important!	6/24/2016 8:03 PM
2	I really liked the ability to recycle so many more things from my home! The convenience of having the recycling right next to our dumpster was great! We used to have to walk to the other side of the apartment complex to recycle.	6/23/2016 7:11 PM
3	I really like that I don't have to sort it and I don't have to drive out of the way to recycle. I can take it down when I take the trash down. It's so much more convenient!	5/17/2016 9:25 AM

Q11 Do you think that single stream recycling should be available to apartment complexes citywide?

Answered: 18 Skipped: 0



Answer Choices	Responses	
Yes	100.00%	18
No	0.00%	0
Don't know/care	0.00%	0
Total		18

Q12 If you have any additional comments, please use the space below.

Answered: 10 Skipped: 8

#	Responses	Date
1	We loved the single stream recycling and would like to see it become a permanent fixture at the Cliffs III!	7/1/2016 5:14 PM
2	Recycling should be a part of everyday life and Fayetteville should make a larger effort to reduce landfill contributions from the city.	6/26/2016 10:57 AM
3	I really liked these!!! It was nice to be able to recycle at the same time I was taking out the normal trash and to not have to drive to the city facility like I did before. I definitely did more recycling with this	6/26/2016 8:49 AM
4	I am glad this was done. Many containers are of #3-7 plastic and there is no where to take them. Single stream also makes recycling easier and therefore more are likely to recycle.	6/24/2016 8:03 PM
5	All I can say is that the program is great and should continue as well as expand. The program made recycling convenient for everyone in the apartment much like how the green recycling containers provided by the city makes it convenient for homeowners. When it comes to recycling, I feel that the best way to get people to start recycling is to make it convenient.	6/24/2016 7:10 PM
6	This is a GREAT program and I hope it continues!	6/23/2016 8:02 PM
7	I really like the single stream bins, they are very convenient and being able to recycle more items than the sorted bins is great!	5/22/2016 11:54 AM
8	Please keep the single stream bin at cliffs 2!!!	5/22/2016 11:47 AM
9	Thank you for implementing this program. Cliffs 1 residents hope to see single stream recycling at our apartment complex soon!	5/18/2016 10:53 AM
10	I really hope you keep this program at the cliffs! I can tell that it really increased the amount I recycled	5/9/2016 3:54 PM

THE REMAINING PAGES OF THE SURVEY HAVE BEEN REDACTED TO ENSURE THE PRIVACY OF THOSE PARTICIPANTS THAT PROVIDED EMAIL ADDRESSES TO THE CITY FOR FUTURE RECYCLING PROGRAM UPDATES.